

Power MOSFET Selection Guide

March 2002

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March 2002

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Note:

Unless otherwise specified,

Q_G is given @ 5V_{GS} for MOSFETs with ratings of 30V_{DS} and below.

Q_G is given @ 10V_{GS} for MOSFETs with ratings higher than 30V_{DS}.

Products	V _{DS} (V)	Configuration	R _{DS(ON)} Max. (Ohms) @ V _{GS} =				Q _g (nC) Typ @ V _{GS} = 5V (Note pg. 1)	Maximum Rating	
			10V	4.5V	2.5V	1.8V		I _D (A)	P _D (W)
BGA N-Channel									
2.5 x 4.0 mm									
FDZ2551N	20	Dual	-	0.018	0.03	-	9.6	9	2.1
2.0 x 2.5 mm									
FDZ201N	20	Single	-	0.018	0.03	-	9.6	9	2
2.0 x 2.0 mm									
FDZ203N	20	Single	-	0.018	0.03	-	9.6	7.5	1.6
3.5 x 4.0 mm									
FDZ7064N	30	Single	-	0.0065	0.0075	-	31	13.5	2.2
5.0 x 5.5 mm									
FDZ5047N	30	Single	0.0035	0.005	-	-	50	22	3.3
BGA P-Channel									
3.5 x 4.0 mm									
FDZ208P	-30	Single	0.015	0.0165	-	-	25	12.5	2.2
FDZ206P	-20	Single	-	0.0095	0.0145	-	43	13	2.6
2.5 x 4.0 mm									
FDZ2552P	-20	Dual	-	0.045	0.075	-	9	5.5	2.1
SC70-6 N-Channel									
FDG329N	20	Single	-	0.09	0.115	-	3.3	1.5	0.42
FDG327N	20	Single	-	0.09	0.1	0.14	4.5	1.5	0.42
FDG311N	20	Single	-	0.115	0.15	-	3	1.9	0.75
FDG6335N	20	Single	-	0.3	0.4	-	1.1	0.7	0.3
FDG313N	25	Single	-	0.45	.6@2.7V	-	1.64	0.95	0.75
FDG6303N	25	Dual	-	0.45	.6@2.7V	-	1.64	0.5	0.3
FDG6301N	25	Dual	-	4	5@2.7V	-	0.29	0.22	0.3
FDG315N	30	Single	0.12	0.16	-	-	2.1	2	0.75
FDG361N	100	Dual	0.5	-	-	-	3.7	0.6	0.42
SC70-6 P-Channel									
FDG316P	-30	Single	0.19	0.3	-	-	3.5	1.6	0.75
FDG314P	-25	Single	-	1.1	1.5@2.7V	-	1.1	0.65	0.75
FDG6304P	-25	Dual	-	1.1	1.5@2.7V	-	1.1	0.41	0.3
FDG6302P	-25	Dual	-	10	13@2.7V	-	0.22	0.14	0.3
FDG326P	-20	Single	-	0.14	0.18	0.25	4.4	1.5	0.75
FDG318P	-20	Single	Use FDG328P						
FDG328P	-20	Single	-	0.145	0.21	-	3.7	1.5	0.75
FDG312P	-20	Single	-	0.18	0.25	-	3.3	1.2	0.75
FDG6308P	-20	Dual	-	0.4	0.55	0.8	1.8	0.6	0.3
FDG6306P	-20	Dual	-	0.42	0.63	-	1.4	0.6	0.3
FDG330P	-12	Single	-	0.11	0.15	0.215	5	2	0.75
FDG6316P	-12	Dual	-	0.27	0.36	0.65	1.7	0.7	0.3
SC70-6 Complementary N- and P-Channel									
FDG6321C	25	N	-	0.45	.6@2.7V	-	1.64	0.5	0.3
	-25	P	-	1.1	1.5@2.7V	-	1.1	0.41	
FDG6322C	25	N	-	4	5@2.7V	-	0.29	0.22	0.3
	-25	P	-	1.1	1.5@2.7V	-	1.1	0.41	
FDG6322C	25	N	-	4	5@2.7V	-	0.29	0.22	0.3
	-25	P	-	10	13@2.7V	-	0.22	0.14	
FDG6322C	20	N	-	0.3	0.4	-	1.1	0.7	0.3
	-20	P	-	0.42	0.63	-	1.4	0.6	
TO-92 N-Channel									
BS270	60	Single	2	3	-	-	-	0.4	0.63
2N7000BU/TA	60	Single	5	-	-	-	-	0.2	0.4
BS170	60	Single	5	-	-	-	-	0.5	0.83
2N7000	60	Single	5	5.3	-	-	-	0.2	0.4
FQNL2N50B	500	Single	5.3	-	-	-	6	0.35	1.5
FQNL1N50B	500	Single	9	-	-	-	4	0.27	1.5

Products	V _{DS} (V)	Configuration	R _{DS(ON)} Max. (Ohms) @ V _{GS} =				Q _g (nC) Typ @ V _{GS} = 5V (Note pg. 1)	Maximum Rating	
			10V	4.5V	2.5V	1.8V		I _D (A)	P _D (W)
SuperSOT-3 (SOT-23) N-Channel									
FDN339AN	20	Single	-	0.035	0.05	-	7	3	0.5
FDN371N	20	Single	-	0.05	0.06	-	7.6	2.5	0.5
FDN327N	20	Single	-	0.07	0.08	0.12	4.5	2	0.5
FDN335N	20	Single	-	0.07	0.1	-	3.5	1.7	0.5
NDS335N	20	Single	-	0.11	.14@2.7V	-	6.4	1.7	0.5
NDS331N	20	Single	-	0.16	.21@2.7V	-	3.5	1.3	0.5
FDV305N	20	Single	-	0.22	0.3	-	11	0.9	0.35
FDV303N	25	Single	-	0.45	.6@2.7V	-	1.64	0.68	0.35
FDV301N	25	Single	-	4	5@2.7V	-	0.49	0.22	0.35
FDN359AN	30	Single	0.046	0.06	-	-	5	2.7	0.5
FDN337N	30	Single	-	0.065	0.082	-	7	2.2	0.5
FDN357N	30	Single	0.06	0.09	-	-	4.2	1.9	0.5
NDS355AN	30	Single	0.085	0.125	-	-	3.5	1.7	0.5
FDN361AN	30	Single	0.1	0.15	-	-	2.1	1.8	0.5
NDS351AN	30	Single	0.16	0.25	-	-	1.9	1.2	0.5
BSS138	50	Single	3.5	6	-	-	-	0.22	0.36
FDN5630	60	Single	0.1	-	-	-	7	1.7	0.5
2N7002MTF	60	Single	5	-	-	-	-	0.115	0.2
MMBF170	60	Single	5	-	-	-	-	0.5	0.3
NDS7002A	60	Single	2	3	-	-	-	0.28	0.3
2N7002	60	Single	7.5	7.5	-	-	-	0.12	0.2
BSS123	100	Single	6	10	-	-	1.4	0.17	0.36
SuperSOT-3 (SOT-23) P-Channel									
FDN5618P	-60	Single	0.17	0.23	-	-	8.6	1.2	0.5
BSS84	-50	Single	-	10	-	-	-	0.13	0.36
FDN360P	-30	Single	0.08	0.125	-	-	5	2	0.5
FDN358P	-30	Single	0.125	0.2	-	-	4	1.5	0.5
NDS356AP	-30	Single	0.2	0.3	-	-	3.4	1.1	0.5
NDS352AP	-30	Single	0.3	0.5	-	-	2	0.9	0.5
FDV304P	-25	Single	-	1.1	1.5@2.7V	-	1.1	0.46	0.35
FDV302P	-25	Single	-	10	13@2.7V	-	0.22	0.12	0.35
FDN304P	-20	Single	-	0.052	0.07	0.1	12	2.4	0.5
FDN302P	-20	Single	-	0.055	0.08	-	9	2.4	0.5
FDN340P	-20	Single	-	0.07	0.11	-	8	2	0.5
FDN342P	-20	Single	-	0.08	0.13	-	6.3	2	0.5
FDN338P	-20	Single	-	0.115	0.155	-	4.4	1.6	0.5
FDN308P	-20	Single	-	0.125	0.19	-	3.8	1.5	0.5
FDN336P	-20	Single	-	0.2	0.27	-	3.6	1.2	0.5
NDS332P	-20	Single	-	0.3	.41@2.7V	-	3.7	1	0.5
FDC606P	-12	Single	-	0.026	0.035	0.053	18	6	1.6
FDN306P	-12	Single	-	0.04	0.05	0.08	12	2.6	0.5
FDC6318P	-12	Dual	-	0.09	0.125	0.2	5.4	2.5	0.96
SuperSOT-6 N-Channel									
FDC637AN	20	Single	-	0.024	0.032	-	10.5	6.2	1.6
FDC6401N	20	Dual	-	0.07	0.095	-	3.3	3	0.96
FDC6305N	20	Dual	-	0.08	0.12	-	3.5	2.7	0.9
FDC6303N	25	Dual	-	0.45	.6@2.7V	-	1.64	0.68	0.9
FDC6301N	25	Dual	-	4	5@2.7V	-	0.49	0.22	0.9
FDC645N	30	Single	0.03	0.026	-	-	13	5.5	1.6
FDC655AN	30	Single	0.027	0.035	-	-	9	6.3	1.6
FDC633N	30	Single	-	0.042	0.054	-	11	5.2	1.6
FDC653N	30	Single	0.035	0.055	-	-	12	5	1.6
NDC651N	30	Single	0.06	0.09	-	-	10	3.2	1.6
FDC6561AN	30	Dual	0.095	0.145	-	-	2.1	2.5	0.9
NDC7002N	50	Dual	2	4	-	-	1	0.51	0.9

Products	V _{DS} (V)	Configuration	R _{DS(ON)} Max. (Ohms) @ V _{GS} =				Q _g (nC) Typ @ V _{GS} = 5V (Note pg. 1)	Maximum Rating	
			10V	4.5V	2.5V	1.8V		I _D (A)	P _D (W)
SuperSOT-6 N-Channel (cont.)									
FDC5612	60	Single	0.055	-	-	-	12.5	4.3	1.6
FDC3512	80	Single	0.077	-	-	-	13	3	1.6
FDC3612	100	Single	0.125	-	-	-	14	2.6	1.6
FDC3601N	100	Dual	0.5	-	-	-	3.7	1	0.96
FDC2512	150	Single	0.425	-	-	-	8	1.4	1.6
FDC2612	200	Single	0.725	-	-	-	8	1.1	1.6
SuperSOT-6 P-Channel									
FDC5614P	-60	Single	0.1	0.13	-	-	15	3	1.6
FDC658P	-30	Single	0.05	0.075	-	-	8	4	1.6
FDC654P	-30	Single	0.075	0.125	-	-	10.5	3.6	1.6
NDC652P	-30	Single	0.11	0.18	-	-	5.5	2.4	1.6
FDC6506P	-30	Dual	0.17	0.28	-	-	2.3	1.8	0.9
FDC6304P	-25	Dual	-	1.1	1.5@2.7V	-	1.1	0.46	0.9
FDC6302P	-25	Dual	-	10	13@2.7V	-	0.22	0.12	0.9
FDC604P	-20	Single	-	0.033	0.043	0.06	19	5.5	1.6
FDC602P	-20	Single	-	0.035	0.05	-	14	5.5	1.6
FDC638P	-20	Single	-	0.045	0.065	-	13	4.5	1.6
FDC640P	-20	Single	-	0.05	0.077	-	10	4.5	1.6
FDC642P	-20	Single	-	0.065	0.1	-	7.2	4	1.6
FDC634P	-20	Single	-	0.08	0.11	-	7.2	3.5	1.6
FDC636P	-20	Single	-	0.13	0.18	-	6	2.8	1.6
FDC6312P	-20	Dual	-	0.115	0.155	0.225	4.4	2.3	0.96
FDC6310P	-20	Dual	-	0.125	0.19	-	3.7	2.2	0.96
FDC6306P	-20	Dual	-	0.17	0.25	-	3	1.9	0.9
SuperSOT-6 Complementary N- and P-Channel									
FDC6333C	30	N	0.095	0.15	-	-	4.7	2.5	0.96
	-30	P	0.15	0.22	-	-	4.1	2	
FDC6321C	25	N	-	0.45	.6@2.7V	-	1.64	0.68	0.9
	-25	P	-	1.1	1.5@2.7V	-	1.1	0.46	
FDC6322C	25	N	-	4	5@2.7V	-	0.49	0.22	0.9
	-25	P	-	1.1	1.5@2.7V	-	1	0.46	
FDC6320C	25	N	-	4	5@2.7V	-	0.29	0.22	0.9
	-25	P	-	10	13@2.7V	-	0.23	0.12	
FDC6420C	20	N	-	0.07	0.095	-	3.3	3	0.96
	-20	P	-	0.125	0.19	-	3.7	6	
FDC6327C	20	N	-	0.08	0.12	-	3.2	2.7	0.9
	-20	P	-	0.17	0.25	-	2.8	1.6	
SuperSOT-8 N-Channel									
FDR6580	20	Single	-	0.009	0.011	-	34	11.2	1.8
FDR8305N	20	Dual	-	0.022	0.028	-	16.2	4.5	0.8
FDR6674A	30	Single	0.0085	0.0095	-	-	33	11.5	1.8
FDR4420A	30	Single	0.009	0.013	-	-	23	11	1.8
FDR6678A	30	Single	0.02	0.024	-	-	13	7.5	1.8
SuperSOT-8 P-Channel									
FDR858P	-30	Single	0.019	0.028	-	-	21	8	1.8
FDR8508P	-30	Dual	0.05	0.075	-	-	8	3	0.8
FDR840P	-20	Single	-	0.011	0.016	-	41	10	1.8
FDR844P	-20	Single	-	0.011	0.014	0.02	53	10	1.8
FDR838P	-20	Single	-	0.017	0.024	-	30	8	1.8
NDH832P	-20	Single	-	0.06	.08@2.7V	-	18	4.2	1.8
FDR8308P	-20	Dual	-	0.05	0.07	-	13	3.2	0.8
NDH8304P	-20	Dual	-	0.07	.095@2.7V	-	16	2.7	0.8
FDR842P	-12	Single	-	0.009	0.012	0.016	57	11	1.8

Products	V _{DS} (V)	Configuration	R _{DS(ON)} Max. (Ohms) @ V _{GS} =				Q _g (nC) Typ @ V _{GS} = 5V (Note pg. 1)	Maximum Rating	
			10V	4.5V	2.5V	1.8V		I _D (A)	P _D (W)
TSSOP-8 N-Channel									
FDW2501N	20	Dual	-	0.018	0.028	-	14	6	1
FDW2501NZ	20	Dual	-	0.018	0.025	-	14	6	1
FDW2507N	20	Dual	-	0.019	0.023	-	20	7.5	1.6
FDW2507NZ	20	Dual	-	0.019	0.023	-	20	7.5	1.6
FDW2503NZ	20	Dual	-	0.02	0.026	-	12	5.5	1
FDW2503N	20	Dual	-	0.021	0.035	-	10.5	5.5	1
TSSOP-8 P-Channel									
FDW256P	-30	Single	0.0135	0.02	-	-	28	8	1.3
SI6933DQ	-30	Dual	0.045	0.085	-	-	8	3.5	1
FDW254P	-20	Single	-	0.012	0.015	0.0215	60	9.2	1.3
FDW252P	-20	Single	-	0.0125	0.018	-	41	8.8	1.3
FDW262P	-20	Single	-	0.047	0.065	0.1	13	4.5	1.3
FDW2506P	-20	Dual	-	0.022	0.033	-	21	5.3	1
FDW2502P	-20	Dual	-	0.035	0.057	-	14	4.4	1
FDW2502PZ	-20	Dual	-	0.035	0.057	-	14	4.4	1
FDW2504P	-20	Dual	-	0.043	0.07	-	10	3.8	1
FDW258P	-12	Single	-	0.011	0.014	0.02	61	9	1.3
FDW2508P	-12	Dual	-	0.018	0.022	0.03	26	6	1.3
TSSOP-8 Complementary N- and P-Channel									
FDW2520C	20	N	-	0.018	0.028	-	14	6	1
	-20	P	-	0.035	0.057	-	14	4.4	-
FDW2521C	20	N	-	0.021	0.035	-	12	7	1
	-20	P	-	0.043	0.07	-	9.7	4	-
SO-8 N-Channel									
FDS6574A	20	Single	-	0.006	0.007	0.009	75	16	2.5
FDS6572A	20	Single	-	0.006	0.008	-	57	16	2.5
FDS6570A	20	Single	-	0.0075	0.01	-	47	15	2.5
NDS8426A	20	Single	-	0.0135	.016@2.7V	-	43	10.5	2.5
NDS8425	20	Single	-	0.022	.028@2.7V	-	11	7.4	2.5
FDS6898A	20	Dual	-	0.014	0.018	-	16	9.4	2
FDS6898AZ	20	Dual	-	0.014	0.018	-	16	9.4	2
FDS6894AZ	20	Dual	-	0.017	0.02	0.03	14	8	2
FDS6894A	20	Dual	-	0.017	0.02	0.03	17	8	2
FDS6892A	20	Dual	-	0.018	0.024	-	12	7.5	2
FDS6892AZ	20	Dual	-	0.018	0.024	-	12	7.5	2
FDS6890A	20	Dual	-	0.018	0.022	-	23	7.5	2
FDS6812A	20	Dual	-	0.022	0.035	-	12	6.7	2
FDS9926A	20	Dual	-	0.03	0.043	-	7	6.5	2
FDS7766	30	Single	0.0055	0.0065	-	-	43	17	2.5
FDS6688	30	Single	0.006	0.007	-	-	40	16	2.5
FDS7764A	30	Single	-	0.0075	-	-	29	15	2.5
FDS6676	30	Single	0.007	0.008	-	-	45	14.5	2.5
FDS6682	30	Single	0.0075	0.009	-	-	22	14	2.5
FDS6672A	30	Single	0.008	0.0095	-	-	33	12.5	2.5
FDS6670A	30	Single	0.008	0.01	-	-	35	13	2.5
FDS6644	30	Single	0.0085	0.0105	-	-	25	13	2.5
FDS6680A	30	Single	0.0095	0.013	-	-	23	12.5	2.5
FDS6694	30	Single	0.011	0.0135	-	-	13	12	2.5
FDS6692	30	Single	0.012	0.0145	-	-	18	12	2.5
FDS6680	30	Single	0.01	0.015	-	-	19	11.5	2.5
FDS6690A	30	Single	0.0125	0.017	-	-	17	11	2.5
FDS4410	30	Single	0.0135	0.02	-	-	13	10	2.5
FDS6690	30	Single	0.0135	0.02	-	-	13	10	2.5
FDS6678A	30	Single	0.02	0.024	-	-	13	7.5	2.5
FDS6614A	30	Single	0.018	0.025	-	-	12	9.3	2.5

Products	V _{DS} (V)	Configuration	R _{DS(ON)} Max. (Ohms) @ V _{GS} =				Q _g (nC) Typ @ V _{GS} = 5V (Note pg. 1)	Maximum Rating	
			10V	4.5V	2.5V	1.8V		I _D (A)	P _D (W)
SO-8 N-Channel (cont.)									
FDS4488	30	Single	0.022	0.03	-	-	9.5	7.9	0.25
FDS6612A	30	Single	0.022	0.03	-	-	9	8.4	2.5
FDS9412	30	Single	0.022	0.036	-	-	9	7.9	2.5
FDS6630A	30	Single	0.038	0.053	-	-	5	6.5	2.5
FDS6982	30	Dual	0.015	0.02	-	-	18.5	8.6	2
FDS6990A	30	Dual	0.018	0.023	-	-	17	7.5	2
FDS8926A	30	Dual	-	0.03	0.038	-	19.8	5.5	2
FDS6912A	30	Dual	0.028	0.035	-	-	9	6	2
FDS6982	30	Dual	0.028	0.035	-	-	8.5	6.3	2
FDS8936A	30	Dual	0.028	0.04	-	-	19	6	2
FDS6912	30	Dual	0.028	0.042	-	-	7	6	2
FDS6930A	30	Dual	0.04	0.055	-	-	5	5.5	2
NDS9956A	30	Dual	0.08	0.11	-	-	9.5	3.7	2
FDS6961A	30	Dual	0.09	0.14	-	-	2.1	3.5	2
FDS6961AZ	30	Dual	0.09	0.14	-	-	2.1	3.5	2
FDS6670S	30	SyncFET	0.009	0.0125	-	-	24	13.5	2.5
FDS6680S	30	SyncFET	0.011	0.017	-	-	17	11.5	2.5
FDS6690S	30	SyncFET	0.016	0.025	-	-	17	10	2.5
FDS6982S	30	Dual SyncFET	0.016	0.022	-	-	17.5	8.6	2
			0.028	0.035			8.5	6.3	
FDS6984S	30	Dual SyncFET	0.019	0.028	-	-	11	8.5	2
			0.04	0.055			5	5.5	
FDS6986S	30	Dual SyncFET	0.02	0.028	-	-	11	7.9	2
			0.029	0.038			6.5	6.5	
FDS6990S	30	Dual SyncFET	0.022	0.03	-	-	11	7.5	2
FDS4470	40	Single	0.009	-	-	-	45	12.5	2.5
FDS4480	40	Single	0.0012	-	-	-	29	10.8	2.5
FDS4672A	40	Single	-	0.013	-	-	35	11	2.5
SSD2009A	50	Dual	0.13	0.2	-	-	19	3	2
SSD2007A	50	Dual	0.3	.5@5V	-	-	11.5	2	2
FDS5670	60	Single	0.014	-	-	-	49	10	2.5
FDS5680	60	Single	0.02	-	-	-	30	8	2.5
FDS5690	60	Single	0.028	-	-	-	23	7	2.5
RF1K49221	60	Single	0.13	0.35	-	-	13	2.5	2
RF1K49154	60	Single	0.13	-	-	-	14	2	2
HUF76407DK8T	60	Dual	0.09	0.105	-	-	9.4	3.8	2.5
HUFA76407DK8T	60	Dual	0.09	0.105	-	-	9.4	3.8	2.5
FDS9945	60	Dual	0.1	0.2	-	-	8	3.5	2
SSD2025	60	Dual	0.1	0.2	-	-	15	3.3	2
SSD2011A	60	Dual	0.28	0.5	-	-	23	2	2
FDS3570	80	Single	0.019	-	-	-	54	9	2.5
FDS3580	80	Single	0.027	-	-	-	34	7.6	2.5
HUF75531SK8	80	Single	0.03	-	-	-	37	6	2.5
HUFA75531SK8	80	Single	0.03	-	-	-	37	6	2.5
FDS3590	80	Single	0.037	-	-	-	23	6.5	2.5
FDS3512	80	Single	0.07	-	-	-	13	4	2.5
FDS3890	80	Dual	0.044	-	-	-	29	4.7	2
FDS3812	80	Dual	0.074	-	-	-	13	3.4	2
FDS3670	100	Single	0.03	-	-	-	57	6.3	2.5
HUFA75631SK8	100	Single	0.035	-	-	-	35	5.5	2.5
HUF75631SK8	100	Single	0.039	-	-	-	35	5.5	2.5
FDS3680	100	Single	0.043	-	-	-	38	5.2	2.5
FDS3690	100	Single	0.059	-	-	-	28	5	2.5
FDS3612	100	Single	0.12	-	-	-	14	3.4	2.5
FDS3912	100	Dual	0.125	-	-	-	14	3	2

Products	V _{DS} (V)	Configuration	R _{DS(ON)} Max. (Ohms) @ V _{GS} =				Q _g (nC) Typ @ V _{GS} = 5V (Note pg. 1)	Maximum Rating	
			10V	4.5V	2.5V	1.8V		I _D (A)	P _D (W)
SO-8 N-Channel (cont.)									
FDS3601	100	Dual	0.48	-	-	-	3.7	1.3	2
FDS2570	150	Single	0.08	-	-	-	39	4	2.5
HUF75831SK8T	150	Single	0.095	-	-	-	35	3	2.5
HUFA75831SK8T	150	Single	0.095	-	-	-	35	3	2.5
FDS2670	200	Single	0.13	-	-	-	27	3	2.5
FQS4901	400	Dual	4.2	-	-	-	5.8	0.45	2
FQS4903	500	Dual	6.2	-	-	-	6.3	0.37	2
SO-8 P-Channel									
FDS4675	-40	Single	0.013	0.017	-	-	40	11	2.4
FDS6679	-30	Single	0.009	0.013	-	-	71	13	2.5
FDS6679Z	-30	Single	0.009	0.013	-	-	67	13	2.5
FDS6675	-30	Single	0.014	0.02	-	-	30	11	2.5
FDS4435A	-30	Single	0.017	0.025	-	-	21	9	2.5
FDS4435	-30	Single	0.02	0.035	-	-	17	8.8	2.5
FDS6685	-30	Single	0.02	0.035	-	-	19	8.8	2.5
FDS6609A	-30	Single	0.032	0.05	-	-	18	6	2.5
FDS9435A	-30	Single	0.05	0.08	-	-	10	5.3	2.5
NDS9435A	-30	Single	0.05	0.08	-	-	10	5.3	2.5
FDS9400A	-30	Single	0.13	0.2	-	-	2.4	3.4	2.5
FDS4935	-30	Dual	0.023	0.035	-	-	15	7	2
FDS6975	-30	Dual	0.032	0.045	-	-	14.5	6	2
FDS8947A	-30	Dual	0.052	0.08	-	-	-	4	2
FDS4953	-30	Dual	0.053	0.095	-	-	8	5	2
FDS9953A	-30	Dual	0.13	0.2	-	-	2.5	2.9	2
FDS4465	-20	Single	-	0.0085	0.0105	0.014	86	13.5	2.5
FDS6575	-20	Single	-	0.013	0.017	-	50	10	2.5
FDS6576	-20	Single	-	0.014	0.02	-	43	11	2.5
FDS6375	-20	Single	-	0.024	0.032	-	23	8	2.5
FDS8433A	-20	Single	-	0.047	0.07	-	20	5	2.5
FDS9431A	-20	Single	-	0.13	0.18	-	6	3.5	2.5
FDS6875	-20	Dual	-	0.03	0.04	-	23	6	2
FDS8934A	-20	Dual	-	0.055	0.072	-	20	4	2
FDS9933A	-20	Dual	-	0.075	0.105	-	8	3.8	2
NDS9933A	-20	Dual	-	0.14	0.2	-	6	2.8	2
NDS9933A	-20	Dual	-	0.14	.19@2.7V	-	6	2.8	2
SO-8 Complementary N- and P-Channel									
SSD2010	250	N	1.5	-	-	-	9.2	0.65	2
	-250	P	3.2	-	-	-	9.5	0.45	2
FQS4900	60	N	0.55	.65@5V	-	-	1.6	1.3	2
	-300	P	15.5	16@5V	-	-	3.6	0.3	2
FDS4559	60	N	0.055	0.075	-	-	12.5	4.5	2
	-60	P	0.105	0.135	-	-	15	3.5	2
NDS9952A	30	N	0.08	0.11	-	-	9.5	3.7	2
	-30	P	0.13	0.2	-	-	10	2.9	2
FDS8958A	30	N	0.028	0.04	-	-	16	7	2
	-30	P	0.052	0.08	-	-	14	5	2
FDS8928A	30	N	-	0.03	0.038	-	19.8	5.5	2
	-20	P	-	0.055	0.072	-	20	4	2
FDS4501H	30	N	0.018	0.046	-	-	17	9.3	2.5
	-20	P	0.023	0.063	-	-	13	5.6	2
SOT-223 N-Channel									
NDT453N	30	Single	0.028	0.042	-	-	28	8	3
FDT439N	30	Single	-	0.045	0.058	-	10.7	6.3	3
FDT459N	30	Single	0.035	0.055	-	-	12	6.5	3
FDT457N	30	Single	0.06	0.09	-	-	4.2	5	3

Products	V _{DS} (V)	Configuration	R _{DS(ON)} Max. (Ohms) @ V _{GS} =				Q _g (nC) Typ @ V _{GS} = 5V (Note pg. 1)	Maximum Rating	
			10V	4.5V	2.5V	1.8V		I _D (A)	P _D (W)
SOT-223 N-Channel (cont.)									
HUF75309T3ST	55	Single	0.07	-	-	-	10.7	3	1.1
HUFA75309T3ST	55	Single	0.07	-	-	-	10.7	3	1.1
HUF75307T3ST	55	Single	0.09	-	-	-	8.3	2.6	1.1
FQT13N06L	60	Single	0.11	.14@5V	-	-	4.8	2.8	2.1
FQT13N06	60	Single	0.14	-	-	-	5.8	2.8	2.1
FDT3612	100	Single	0.12	-	-	-	14	3.7	3
IRFM120A	100	Single	0.2	-	-	-	16	2.3	2.4
IRLM120A	100	Single	-	0.22	-	-	10.2	2.3	2.7
FQT7N10	100	Single	0.35	-	-	-	5.8	1.7	2
FQT7N10L	100	Single	0.35	0.38	-	-	4.6	1.7	2
IRFM110A	100	Single	0.4	-	-	-	8.5	1.5	2
IRLM110A	100	Single	-	.44@5V	-	-	5.5	1.5	2.2
IRFM220A	200	Single	Use IRFM220B						
IRLM220B	200	Single	-	0.8	-	-	10.3	1.13	2
IRFM220B	200	Single	0.8	-	-	-	12	1.1	2.4
FQT4N20L	200	Single	1.35	1.4	-	-	4	0.85	2.2
FQT4N20	200	Single	1.4	-	-	-	5	0.85	2.2
IRLM210A	200	Single	-	1.5	-	-	6.1	0.77	1.8
IRFM214A	200	Single	Use IRFM214B						
IRFM214B	200	Single	-	1.5@5V	-	-	6.1	0.77	1.8
IRFM210A	200	Single	Use IRFM210B						
IRFM210B	200	Single	1.5	-	-	-	7.2	0.77	2
IRFM224A	250	Single	Use IRFM224B						
IRFM224B	250	Single	1.1	-	-	-	13.5	0.92	2.5
FQT4N25	250	Single	1.75	-	-	-	4.3	0.83	2.5
SOT-223 P-Channel									
SFM9214	-250	Single	4	-	-	-	9	0.45	1.6
FQT2P25	-250	Single	4	-	-	-	6.5	0.55	2.5
SFM9210	-200	Single	3	-	-	-	9	0.5	1.6
FQT3P20	-200	Single	2.7	-	-	-	6	0.67	2.5
SFM9110	-100	Single	1.2	-	-	-	9	1	2.5
FQT5P10	-100	Single	1.05	-	-	-	6.3	1	-
SFM9014	-60	Single	0.5	-	-	-	9	1.8	2.8
FQT7P06	-60	Single	0.41	-	-	-	6.3	1.6	2.1
NDT2955	-60	Single	0.3	0.5	-	-	16	2.5	3
NDT456P	-30	Single	0.03	0.045	-	-	-	7.5	3
NDT454P	-30	Single	0.05	0.09	-	-	29	5.9	3
NDT452AP	-30	Single	0.065	0.1	-	-	22	5	3
FDT458P	-30	Single	0.13	0.2	-	-	2.5	3.4	3
FDT434P	-20	Single	-	0.05	0.07	-	14	5.5	3
TO-251 (IPAK) N-Channel									
FDU6512A	20	Single	-	0.021	0.031	-	12	36	43
ISL9N306AD3	30	Single	0.006	0.0095	-	-	30	50	125
FDU6644	30	Single	0.0085	0.0105	-	-	25	67	68
FDU6680A	30	Single	0.0095	0.013	-	-	23	56	60
FDU6692	30	Single	0.012	0.0145	-	-	18	54	57
FDU6030BL	30	Single	0.016	0.022	-	-	22	42	50
FDU6612A	30	Single	0.02	0.028	-	-	9	30	36
ISL9N308AD3	30	Single	0.008	-	-	-	24	50	100
ISL9N312AD3	30	Single	0.012	-	-	-	13	50	75
HUFA75329D3	55	Single	0.026	-	-	-	32	20	128
HUFA75321D3	55	Single	0.036	-	-	-	21	20	93
HUFA75309D3	55	Single	0.07	-	-	-	11	19	55
HUFA75307D3	55	Single	0.09	-	-	-	9	15	45
HUF76429D3	60	Single	0.023	0.027	-	-	38	20	110

Products	V _{DS} (V)	Configuration	R _{DS(ON)} Max. (Ohms) @ V _{GS} =				Q _g (nC) Typ @ V _{GS} = 5V (Note pg. 1)	Maximum Rating	
			10V	4.5V	2.5V	1.8V		I _D (A)	P _D (W)
TO-251 (IPAK) N-Channel (cont.)									
HUFA76429D3	60	Single	0.023	0.027	-	-	38	20	110
HUF76423D3	60	Single	0.032	0.037	-	-	28	20	85
HUFA76423D3	60	Single	0.032	0.037	-	-	28	20	85
HUF76419D3	60	Single	0.037	0.043	-	-	23	20	75
HUFA76419D3	60	Single	0.037	0.043	-	-	23	20	75
FQU30N06L	60	Single	0.039	.047@5V	-	-	15	24	44
FQU30N06	60	Single	0.045	-	-	-	19	22.7	44
HUF76413D3	60	Single	0.049	0.056	-	-	17	20	60
HUFA76413D3	60	Single	0.049	0.056	-	-	17	20	60
FQU20N06L	60	Single	0.06	.075@5V	-	-	9.5	17.2	38
HUF76409D3	60	Single	0.063	0.071	-	-	12	18	49
HUFA76409D3	60	Single	0.063	0.071	-	-	12	18	49
FQU20N06	60	Single	0.063	-	-	-	11.5	16.8	38
HUF76407D3	60	Single	0.092	0.107	-	-	9.4	12	38
HUFA76407D3	60	Single	0.092	0.107	-	-	9.4	12	38
FQU13N06L	60	Single	0.11	.14@5V	-	-	4.8	11	28
FQU13N06	60	Single	0.14	-	-	-	5.8	10	28
FDU3580	80	Single	0.029	-	-	-	35	7.7	42
FQU24N08	80	Single	0.06	-	-	-	19	19.6	50
FQU17N08L	80	Single	0.1	.115@5V	-	-	8.8	12.9	40
FQU17N08	80	Single	0.115	-	-	-	12	12.9	40
FQU9N08	80	Single	0.21	-	-	-	5.9	7.4	25
FQU9N08L	80	Single	0.21	.23@5V	-	-	4.7	7.4	25
HUF76629D3	100	Single	0.052	0.054	-	-	38	20	110
HUFA76629D3	100	Single	0.052	0.054	-	-	38	20	110
HUF76619D3	100	Single	0.085	0.087	-	-	24	18	75
HUFA76619D3	100	Single	0.085	0.087	-	-	24	18	75
HUF75617D3	100	Single	0.09	-	-	-	18	16	64
HUFA75617D3	100	Single	0.09	-	-	-	18	16	64
FQU19N10	100	Single	0.1	-	-	-	19	15.6	50
FQU19N10L	100	Single	0.1	.11@5V	-	-	14	15.6	50
IRLU130A	100	Single	-	.12@5V	-	-	16.9	13	46
IRFU130A	100	Single	0.11	-	-	-	27	13	41
HUF76609D3	100	Single	0.16	0.165	-	-	13	10	49
HUFA76609D3	100	Single	0.16	0.165	-	-	13	10	49
FQU13N10L	100	Single	0.18	.2@5V	-	-	8.7	10	40
FQU13N10	100	Single	0.18	-	-	-	12	10	40
IRLU120A	100	Single	-	.22@5V	-	-	10.2	8.4	35
IRFU120A	100	Single	0.2	-	-	-	16	8.4	32
IRFU120	100	Single	0.27	-	-	-	9.7	8.4	50
FQU7N10	100	Single	0.35	-	-	-	5.8	5.8	25
FQU7N10L	100	Single	0.35	.38@5V	-	-	4.6	5.8	25
IRFU110A	100	Single	0.4	-	-	-	8.5	4.7	20
IRLU110A	100	Single	-	.44@5V	-	-	5.5	4.7	22
IRFU110	100	Single	0.54	-	-	-	5.2	4.7	30
FQU16N15	150	Single	0.16	-	-	-	23	11.8	55
FQU14N15	150	Single	0.21	-	-	-	18	10	50
FQU9N15	150	Single	0.4	-	-	-	10	7	45
FQU6N15	150	Single	0.6	-	-	-	6.5	5.2	37
FQU5N15	150	Single	0.8	-	-	-	5.4	4.3	30
FQU12N20	200	Single	0.28	-	-	-	18	9	55
FQU10N20	200	Single	0.36	-	-	-	13.5	7.6	51
FQU630	200	Single	0.4	-	-	-	19	7	46
IRFU230A	200	Single	Use IRFU230B						
IRFU230B	200	Single	0.4	-	-	-	22	7.5	50

Products	V _{DS} (V)	Configuration	R _{DS(ON)} Max. (Ohms) @ V _{GS} =				Q _g (nC) Typ @ V _{GS} = 5V (Note pg. 1)	Maximum Rating	
			10V	4.5V	2.5V	1.8V		I _D (A)	P _D (W)
TO-251 (IPAK) N-Channel (cont.)									
FQU7N20	200	Single	0.69	-	-	-	8	5.3	45
IRFU220	200	Single	0.8	-	-	-	12	4.6	50
IRFU220A	200	Single	Use IRFU220B						
IRFU220B	200	Single	0.8	-	-	-	12	4.6	40
FQU5N20	200	Single	1.2	-	-	-	6	3.8	37
FQU4N20	200	Single	1.4	-	-	-	5	3	30
IRFU210	200	Single	Use IRFU210B						
IRFU210A	200	Single	Use IRFU210B						
IRFU210B	200	Single	1.5	-	-	-	7.2	2.7	26
FQU12N20L	200	Single	0.28	.32@5V	-	-	16	9	55
FQU10N20L	200	Single	0.36	.38@5V	-	-	13	7.6	51
IRLU230A	200	Single	-	.4@5V	-	-	18.6	7.5	48
FQU7N20L	200	Single	0.75	.78@5V	-	-	6.8	5.5	45
IRLU220A	200	Single	-	.8@5V	-	-	10.3	4.6	33
FQU5N20L	200	Single	1.2	1.25@5V	-	-	4.8	3.8	37
FQU4N20L	200	Single	1.35	1.4@5V	-	-	4	3.2	30
IRLU210A	200	Single	-	1.5@5V	-	-	6.1	2.7	21
FQU9N25	250	Single	0.42	-	-	-	15.5	7.4	55
IRFU234B	250	Single	0.45	-	-	-	29	6.6	49
FQU8N25	250	Single	0.55	-	-	-	12	6.2	50
FQU6N25	250	Single	1	-	-	-	6.6	4.4	45
IRFU224A	250	Single	Use IRFU224B						
IRFU224B	250	Single	1.1	-	-	-	13.5	3.8	42
FQU4N25	250	Single	1.75	-	-	-	4.3	3	37
IRFU214	250	Single	Use IRFU214B						
IRFU214A	250	Single	Use IRFU214B						
IRFU214B	250	Single	2	-	-	-	8.1	2.2	25
FQU3N25	250	Single	2.2	-	-	-	4	2.4	30
FQU7N30	300	Single	0.7	-	-	-	13	5.5	50
FQU5N30	300	Single	0.9	-	-	-	9.8	4.4	45
FQU3N30	300	Single	2.2	-	-	-	5.5	2.4	30
FQU2N30	300	Single	3.7	-	-	-	3.7	1.7	25
IRFU330B	400	Single	1	-	-	-	25	4.5	48
FQU6N40	400	Single	1.15	-	-	-	13	4.2	50
FQU5N40	400	Single	1.6	-	-	-	10	3.4	45
IRFU320A	400	Single	Use IRFU320B						
IRFU320B	400	Single	-	-	-	-	14	3.1	41
FQU3N40	400	Single	3.4	-	-	-	6	2	30
IRFU310	400	Single	Use IRFU310B						
IRFU310A	400	Single	Use IRFU310B						
IRFU310B	400	Single	3.4	-	-	-	7.7	1.7	26
FQU2N40	400	Single	5.8	-	-	-	4	1.4	25
IRFU430B	500	Single	1.5	-	-	-	25	3.5	48
FQU5N50	500	Single	1.8	-	-	-	13	3.5	50
IRFU420	500	Single	Use IRFU420B						
IRFU420A	500	Single	Use IRFU420B						
IRFU420B	500	Single	2.6	-	-	-	14	2.3	41
FQU4N50	500	Single	2.7	-	-	-	10	2.6	45
FQU2N50	500	Single	5.3	-	-	-	6	1.6	30
FQU2N50B	500	Single	5.3	-	-	-	6	1.6	30
SSU1N50A	500	Single	Use SSU1N50B						
SSU1N50B	500	Single	5.5	-	-	-	8.3	1.3	26
FQU1N50	500	Single	9	-	-	-	4	1.1	25
FQU1N50B	500	Single	9	-	-	-	4	1.1	25
IRFU410A	500	Single	Use IRFU410B						

Products	V _{DS} (V)	Configuration	R _{DS(ON)} Max. (Ohms) @ V _{GS} =				Q _g (nC) Typ @ V _{GS} = 5V (Note pg. 1)	Maximum Rating	
			10V	4.5V	2.5V	1.8V		I _D (A)	P _D (W)
TO-251 (IPAK) N-Channel (cont.)									
IRFU410B	500	Single	10	-	-	-	5.1	0.9	20
SSU4N60B	600	Single	2.5	-	-	-	22	2.8	49
FQU3N60	600	Single	3.6	-	-	-	10	2.4	50
FQU2N60	600	Single	4.7	-	-	-	9	2	45
SSU2N60A	600	Single	Use SSU2N60B						
SSU2N60B	600	Single	5	-	-	-	12.5	1.8	44
FQU1N60	600	Single	11.5	-	-	-	5	1	30
SSU1N60	600	Single	Use SSU1N60B						
SSU1N60A	600	Single	Use SSU1N60B						
SSU1N60B	600	Single	12	-	-	-	5.9	0.9	28
FQU2N80	800	Single	6.3	-	-	-	12	1.8	50
FQU1N80	800	Single	20	-	-	-	5.5	1	45
FQU2N90	900	Single	7.2	-	-	-	12	1.7	50
TO-251 (IPAK) P-Channel									
FQU3P50	-500	Single	4.9	-	-	-	18	2.1	50
FQU1P50	-500	Single	10.5	-	-	-	11	1.2	38
FQU4P40	-400	Single	3.1	-	-	-	18	2.7	50
FQU2P40	-400	Single	6.5	-	-	-	10	1.6	38
SFU9310	-400	Single	8	-	-	-	17	1.5	36
FQU6P25	-250	Single	1.1	-	-	-	21	4.7	55
FQU4P25	-250	Single	2.1	-	-	-	10	3.1	45
SFU9224	-250	Single	2.4	-	-	-	16	2.5	30
FQU2P25	-250	Single	4	-	-	-	6.5	2	37
SFU9214	-250	Single	4	-	-	-	9	1.5	19
SFU9230B	-200	Single	0.6	-	-	-	29	5.4	49
FQU7P20	-200	Single	0.69	-	-	-	19	5.7	55
FQU5P20	-200	Single	1.4	-	-	-	10	3.7	45
IRFU9220	-200	Single	Use SFU9220						
SFU9220	-200	Single	1.5	-	-	-	15	3.1	30
FQU3P20	-200	Single	2.7	-	-	-	6	2.4	37
IRFU9210	-200	Single	Use SFU9210						
SFU9210	-200	Single	3	-	-	-	9	1.6	19
FQU12P10	-100	Single	0.29	-	-	-	21	9.4	50
SFU9130	-100	Single	0.3	-	-	-	30	9.8	57
FQU8P10	-100	Single	0.53	-	-	-	12	6.6	44
IRFU9120	-100	Single	0.6	-	-	-	12	5.6	42
SFU9120	-100	Single	0.6	-	-	-	12	5.6	42
FQU5P10	-100	Single	1.05	-	-	-	6.3	3.6	25
IRFU9110	-100	Single	Use SFU9110						
SFU9110	-100	Single	1.2	-	-	-	9	2.8	20
FQU17P06	-60	Single	0.135	-	-	-	21	12	44
SFU9034	-60	Single	0.14	-	-	-	30	14	49
FQU11P06	-60	Single	0.185	-	-	-	13	9.4	38
IRFU9020	-60	Single	Use SFU9024						
IRFU9024	-60	Single	Use SFU9024						
SFU9024	-60	Single	0.28	-	-	-	15	7.8	32
SSR2955	-60	Single	Use SFU2955						
SFU2955	-60	Single	0.3	-	-	-	15	7.6	32
FQU7P06	-60	Single	0.45	-	-	-	6.3	5.4	28
IRFU9010	-60	Single	Use SFU9014						
SFU9014	-60	Single	0.5	-	-	-	9	5.3	24
RFD10P03L	-30	Single	-	0.22	-	-	13	10	65

Products	V _{DS} (V)	Configuration	R _{DS(ON)} Max. (Ohms) @ V _{GS} =				Q _g (nC) Typ @ V _{GS} = 5V (Note pg. 1)	Maximum Rating	
			10V	4.5V	2.5V	1.8V		I _D (A)	P _D (W)
TO-252 (DPAK) N-Channel									
FDD6512A	20	Single	-	0.021	0.031	-	12	36	43
FDD6530A	20	Single	-	0.032	0.047	-	6.5	21	33
ISL9N306AD3ST	30	Single	0.006	0.0095	-	-	30	50	125
ISL9N307AD3ST	30	Single	0.007	-	-	-	28	50	100
FDD6676	30	Single	0.0075	0.0085	-	-	45	78	83
FDD6672A	30	Single	0.008	0.0095	-	-	33	65	70
FDD6670A	30	Single	0.008	0.01	-	-	35	66	70
FDD6644	30	Single	0.0085	0.0105	-	-	25	67	68
FDD6680A	30	Single	0.0095	0.013	-	-	23	56	60
FDD6680	30	Single	0.01	0.015	-	-	19	55	60
ISL9N310AD3ST	30	Single	0.01	-	-	-	17	35	70
FDD6692	30	Single	0.012	0.0145	-	-	18	54	57
FDD6690A	30	Single	0.0125	0.016	-	-	17	46	50
FDD6035AL	30	Single	0.0125	0.016	-	-	17	46	50
FDD6030L	30	Single	0.0145	0.021	-	-	-	50	60
ISL9N316AD3ST	30	Single	0.0155	-	-	-	13	48	65
FDD6030BL	30	Single	0.016	0.022	-	-	22	42	50
ISL9N318AD3ST	30	Single	0.018	-	-	-	8.6	30	45
FDD6612A	30	Single	0.02	0.028	-	-	9	30	36
FDD603AL	30	Single	0.023	0.037	-	-	9	33	39
RFD20N03SM	30	Single	0.025	-	-	-	23	20	90
ISL9N327AD3ST	30	Single	0.027	0.04	-	-	8.7	20	50
FDD6630A	30	Single	0.035	0.05	-	-	5	21	28
FDD6670S	30	SyncFET	0.0094	0.013	-	-	17	64	70
FDD6680S	30	SyncFET	0.011	0.017	-	-	17	55	60
FDD6690S	30	SyncFET	0.0167	0.0245	-	-	17	40	50
RFD16N05LSM	50	Single	-	0.047	-	-	61	16	60
HUFA75329D3S	55	Single	0.026	-	-	-	32	20	128
HUFA75321D3S	55	Single	0.036	-	-	-	21	20	93
HUF75309D3S	55	Single	0.07	-	-	-	11	19	55
HUFA75309D3S	55	Single	0.07	-	-	-	11	19	55
HUFA75307D3S	55	Single	0.09	-	-	-	9	15	45
FDD5670	60	Single	0.015	-	-	-	49	48	70
FDD5680	60	Single	0.021	-	-	-	33	38	60
FDD5690	60	Single	0.027	-	-	-	23	30	50
FQD30N06	60	Single	0.045	-	-	-	19	22.7	44
FDD5612	60	Single	0.055	-	-	-	7.5	18	42
FQD20N06	60	Single	0.063	-	-	-	11.5	16.8	38
FQD13N06	60	Single	0.14	-	-	-	7.5	10	28
HUF76429D3S	60	Single	0.023	0.027	-	-	38	20	110
HUFA76429D3S	60	Single	0.023	0.027	-	-	38	20	110
HUF76423D3S	60	Single	0.032	0.037	-	-	28	20	85
HUFA76423D3S	60	Single	0.032	0.037	-	-	28	20	85
HUF76419D3S	60	Single	0.037	0.043	-	-	23	20	75
HUFA76419D3S	60	Single	0.037	0.043	-	-	23	20	75
RFD16N06LESM	60	Single	-	0.047	-	-	51	16	90
FQD30N06L	60	Single	0.039	.047@5V	-	-	15	24	44
HUF76413D3S	60	Single	0.049	0.056	-	-	17	20	60
HUFA76413D3S	60	Single	0.049	0.056	-	-	17	20	60
HUF76409D3S	60	Single	0.063	0.071	-	-	12	18	49
HUFA76409D3S	60	Single	0.063	0.071	-	-	12	18	49
RFD12N06RLESM	60	Single	0.063	0.075	-	-	12	18	49
FQD20N06L	60	Single	0.06	.075@5V	-	-	9.5	17.2	38
FQD20N06LE	60	Single	0.06	.075@5V	-	-	9.5	17.2	38
HUF76407D3S	60	Single	0.092	0.107	-	-	9.4	12	38

Products	V _{DS} (V)	Configuration	R _{DS(ON)} Max. (Ohms) @ V _{GS} =				Q _g (nC) Typ @ V _{GS} = 5V (Note pg. 1)	Maximum Rating	
			10V	4.5V	2.5V	1.8V		I _D (A)	P _D (W)
TO-252 (DPAK) N-Channel (cont.)									
HUFA76407D3S	60	Single	0.092	0.107	-	-	9.4	12	38
RFD4N06LSM	60	Single	-	0.6	-	-	6	4	30
FQD13N06L	60	Single	0.11	.14@5V	-	-	4.8	11	28
FDD3570	80	Single	0.019	-	-	-	54	10	69
FDD3580	80	Single	0.029	-	-	-	35	7.7	42
FQD24N08	80	Single	0.06	-	-	-	19	19.6	50
FQD17N08L	80	Single	0.1	.115@5V	-	-	8.8	12.9	40
FQD17N08	80	Single	0.115	-	-	-	12	12.9	40
FQD9N08	80	Single	0.21	-	-	-	5.9	7.4	25
FQD9N08L	80	Single	0.21	.23@5V	-	-	4.7	7.4	25
FDD3670	100	Single	0.032	-	-	-	57	34	83
FDD3680	100	Single	0.046	-	-	-	38	25	60
HUF76629D3S	100	Single	0.052	0.054	-	-	38	20	110
HUFA76629D3S	100	Single	0.052	0.054	-	-	38	20	110
FDD3690	100	Single	0.064	-	-	-	28	22	60
HUF76619D3S	100	Single	0.085	0.087	-	-	24	18	75
HUFA76619D3S	100	Single	0.085	0.087	-	-	24	18	75
HUF75617D3S	100	Single	0.09	-	-	-	18	16	64
HUFA75617D3S	100	Single	0.09	-	-	-	18	16	64
FQD19N10	100	Single	0.1	-	-	-	19	15.6	50
FQD19N10L	100	Single	0.1	.11@5V	-	-	14	15.6	50
IRFR130A	100	Single	0.11	-	-	-	27	13	41
IRLR130A	100	Single	-	.12@5V	-	-	16.9	13	46
HUF76609D3S	100	Single	0.16	0.165	-	-	13	10	49
HUFA76609D3S	100	Single	0.16	0.165	-	-	13	10	49
FQD13N10	100	Single	0.18	-	-	-	12	10	40
FQD13N10L	100	Single	0.18	.2@5V	-	-	8.7	10	40
IRFR120A	100	Single	0.2	-	-	-	16	8.4	32
IRLR120A	100	Single	-	.22@5V	-	-	10.2	8.4	35
IRFR120	100	Single	0.27	-	-	-	9.7	8.4	50
FQD7N10	100	Single	0.35	-	-	-	5.8	5.8	25
FQD7N10L	100	Single	0.35	.38@5V	-	-	4.6	5.8	25
IRFR110A	100	Single	0.4	-	-	-	8.5	4.7	20
IRLR110A	100	Single	-	.44@5V	-	-	5.5	4.7	22
IRFR110	100	Single	0.54	-	-	-	5.2	4.7	30
FDD2570	150	Single	0.08	-	-	-	39	4.7	70
FQD16N15	150	Single	0.16	-	-	-	23	11.8	55
FQD14N15	150	Single	0.21	-	-	-	18	10	50
FQD9N15	150	Single	0.4	-	-	-	10	7	45
FDD2512	150	Single	0.42	-	-	-	8	6.7	42
FQD6N15	150	Single	0.6	-	-	-	6.5	5.2	37
FQD5N15	150	Single	0.8	-	-	-	5.4	4.3	30
FDD2670	200	Single	0.13	-	-	-	27	3.6	70
HUF75925D3ST	200	Single	0.275	-	-	-	32	11	100
FQD12N20	200	Single	0.28	-	-	-	18	9	55
FQD12N20L	200	Single	0.28	.32@5V	-	-	16	9	55
FQD10N20L	200	Single	0.36	.38@5V	-	-	13	7.6	51
FQD10N20	200	Single	0.36	-	-	-	13.5	7.6	51
IRLR230A	200	Single	-	.4@5V	-	-	18.6	7.5	48
FQD630	200	Single	0.4	-	-	-	19	7	46
IRFR230A	200	Single	Use IRFR230B		-	-	-	-	-
IRFR230B	200	Single	0.4	-	-	-	22	7.5	50
FQD7N20	200	Single	0.69	-	-	-	8	5.3	45
FDD2612	200	Single	0.72	-	-	-	8	4.9	42
FQD7N20L	200	Single	0.75	.78@5V	-	-	6.8	5.5	45

Products	V _{DS} (V)	Configuration	R _{DS(ON)} Max. (Ohms) @ V _{GS} =				Q _g (nC) Typ @ V _{GS} = 5V (Note pg. 1)	Maximum Rating	
			10V	4.5V	2.5V	1.8V		I _D (A)	P _D (W)
TO-252 (DPAK) N-Channel (cont.)									
IRLR220A	200	Single	-	.8@5V	-	-	10.3	4.6	33
IRFR220	200	Single	0.8	-	-	-	12	4.6	50
IRFR220A	200	Single	Use IRFR220B						
IRFR220B	200	Single	0.8	-	-	-	12	4.6	40
FQD5N20	200	Single	1.2	-	-	-	6	3.8	37
FQD5N20L	200	Single	1.2	1.25@5V	-	-	4.8	3.8	37
FQD4N20L	200	Single	1.35	1.4@5V	-	-	4	3.2	30
FQD4N20	200	Single	1.4	-	-	-	5	3	30
IRLR210A	200	Single	-	1.5@5V	-	-	6.1	2.7	21
IRFR210	200	Single	Use IRFR210B						
IRFR210A	200	Single	Use IRFR210B						
IRFR210B	200	Single	1.5	-	-	-	7.2	2.7	26
FQD9N25	250	Single	0.42	-	-	-	15.5	7.4	55
IRFR234B	250	Single	0.45	-	-	-	29	6.6	49
FQD8N25	250	Single	0.55	-	-	-	12	6.2	50
FQD6N25	250	Single	1	-	-	-	6.6	4.4	45
IRFR224	250	Single	Use IRFR224B						
IRFR224A	250	Single	Use IRFR224B						
IRFR224B	250	Single	1.1	-	-	-	13.5	3.8	2.5
FQD4N25	250	Single	1.75	-	-	-	4.3	3	37
IRFR214A	250	Single	Use IRFR214B						
IRFR214B	250	Single	2	-	-	-	8.1	2.2	25
FQD3N25	250	Single	2.2	-	-	-	4	2.4	30
FQD7N30	300	Single	0.7	-	-	-	13	5.5	50
FQD5N30	300	Single	0.9	-	-	-	9.8	4.4	45
FQD3N30	300	Single	2.2	-	-	-	5.5	2.4	30
FQD2N30	300	Single	3.7	-	-	-	3.7	1.7	25
IRFR330B	400	Single	1	-	-	-	25	4.5	48
FQD6N40	400	Single	1.15	-	-	-	13	4.2	50
FQD5N40	400	Single	1.6	-	-	-	10	3.4	45
IRFR320	400	Single	Use IRFR320B						
IRFR320A	400	Single	Use IRFR320B						
IRFR320B	400	Single	1.75	-	-	-	14	3.1	41
FQD3N40	400	Single	3.4	-	-	-	6	2	30
IRFR310	400	Single	Use IRFR310B						
IRFR310A	400	Single	Use IRFR310B						
IRFR310B	400	Single	3.4	-	-	-	7.7	1.7	26
FQD2N40	400	Single	5.8	-	-	-	4	1.4	25
IRFR430B	500	Single	1.5	-	-	-	25	3.5	48
FQD5N50	500	Single	1.8	-	-	-	13	3.5	50
IRFR420A	500	Single	Use IRFR420B						
IRFR420B	500	Single	2.6	-	-	-	14	2.3	41
FQD4N50	500	Single	2.7	-	-	-	10	2.6	45
IRFR420	500	Single	3	-	-	-	19	2.5	42
FQD2N50	500	Single	5.3	-	-	-	6	1.6	30
SSR1N50A	500	Single	Use SSR1N50B						
SSR1N50B	500	Single	5.5	-	-	-	8.3	1.3	26
FQD1N50	500	Single	9	-	-	-	4	1.1	25
SSR4N60B	600	Single	2.5	-	-	-	22	2.8	49
FQD3N60	600	Single	3.6	-	-	-	10	2.4	50
FQD2N60	600	Single	4.7	-	-	-	9	2	45
SSR2N60	600	Single	Use SSR2N60B						
SSR2N60A	600	Single	Use SSR2N60B						
SSR2N60B	600	Single	5	-	-	-	12.5	1.8	44
FQD1N60	600	Single	11.5	-	-	-	5	1	30

Products	V _{DS} (V)	Configuration	R _{DS(ON)} Max. (Ohms) @ V _{GS} =				Q _g (nC) Typ @ V _{GS} = 5V (Note pg. 1)	Maximum Rating	
			10V	4.5V	2.5V	1.8V		I _D (A)	P _D (W)
TO-252 (DPAK) N-Channel (cont.)									
SSR1N60A	600	Single	Use SSR1N60B						
SSR1N60B	600	Single	12	-	-	-	5.9	0.9	28
FQD2N80	800	Single	6.3	-	-	-	12	1.8	50
FQD1N80	800	Single	20	-	-	-	5.5	1	45
FQD2N90	900	Single	7.2	-	-	-	12	1.7	50
TO-252 (DPAK) P-Channel									
FQD3P50	-500	Single	4.9	-	-	-	18	2.1	50
FQD1P50	-500	Single	10.5	-	-	-	11	1.2	38
FQD4P40	-400	Single	3.1	-	-	-	18	2.7	50
FQD2P40	-400	Single	6.5	-	-	-	10	1.6	38
SFR9310	-400	Single	8	-	-	-	17	1.5	36
FQD6P25	-250	Single	1.1	-	-	-	21	4.7	55
FQD4P25	-250	Single	2.1	-	-	-	10	3.1	45
SFR9224	-250	Single	2.4	-	-	-	16	2.5	30
FQD2P25	-250	Single	4	-	-	-	6.5	2	37
SFR9214	-250	Single	4	-	-	-	9	1.5	19
SFR9230B	-200	Single	0.6	-	-	-	29	5.4	49
FQD7P20	-200	Single	0.69	-	-	-	19	5.7	55
FQD5P20	-200	Single	1.4	-	-	-	10	3.7	45
IRFR9220	-200	Single	1.5	-	-	-	29	3.6	42
IRFR9220	-200	Single	Use SFR9220						
SFR9220	-200	Single	1.5	-	-	-	15	3.1	30
FQD3P20	-200	Single	2.7	-	-	-	6	2.4	37
IRFR9210	-200	Single	Use SFR9210						
SFR9210	-200	Single	3	-	-	-	9	1.6	19
FQD12P10	-100	Single	0.29	-	-	-	21	9.4	50
SFR9130	-100	Single	0.3	-	-	-	30	9.8	57
FQD8P10	-100	Single	0.53	-	-	-	12	6.6	44
IRFR9120	-100	Single	0.6	-	-	-	12	5.6	42
IRFR9120	-100	Single	Use SFR9120						
SFR9120	-100	Single	0.6	-	-	-	16	4.9	32
FQD5P10	-100	Single	1.05	-	-	-	6.3	3.6	25
IRFR9110	-100	Single	Use SFR9110						
SFR9110	-100	Single	1.2	-	-	-	9	2.8	20
FDD5614P	-60	Single	0.1	0.13	-	-	15	15	42
FQD17P06	-60	Single	0.135	-	-	-	21	12	44
SFR9034	-60	Single	0.14	-	-	-	30	14	49
FQD11P06	-60	Single	0.185	-	-	-	13	9.4	38
IRFR9020	-60	Single	Use SFR9024						
IRFR9024	-60	Single	Use SFR9024						
SFR9024	-60	Single	0.28	-	-	-	15	7.8	32
RFD8P06ESM	-60	Single	0.3	-	-	-	15	8	48
SSR2955	-60	Single	Use SFR2955						
SFR2955	-60	Single	0.3	-	-	-	15	7.6	32
FQD7P06	-60	Single	0.45	-	-	-	6.3	5.4	28
IRFR9010	-60	Single	Use SFR9014						
SFR9014	-60	Single	0.5	-	-	-	9	5.3	24
RFD10P03LSM	-30	Single	-	0.2	-	-	13	10	65
TO-220 N-Channel									
ISL9N302AP3	30	Single	0.0025	0.0033	-	-	110	75	345
ISL9N303AP3	30	Single	0.0032	0.005	-	-	61	75	215
FDP8030L	30	Single	0.0035	0.0045	-	-	120	80	187
FDP7045L	30	Single	0.0045	0.006	-	-	50	100	125
ISL9N304AP3	30	Single	0.0045	0.0075	-	-	38	75	145
FDP6676	30	Single	0.006	0.0075	-	-	43	84	93

Products	V _{DS} (V)	Configuration	R _{DS(ON)} Max. (Ohms) @ V _{GS} =				Q _g (nC) Typ @ V _{GS} = 5V (Note pg. 1)	Maximum Rating	
			10V	4.5V	2.5V	1.8V		I _D (A)	P _D (W)
TO-220 N-Channel (cont.)									
ISL9N306AP3	30	Single	0.006	0.0095	-	-	30	75	125
FDP6670AL	30	Single	0.0065	0.0085	-	-	35	80	75
ISL9N307AP3	30	Single	0.007	-	-	-	28	75	100
FDP7042L	30	Single	0.0075	0.009	-	-	32	50	83
FDP7030L	30	Single	0.007	0.01	-	-	-	100	125
FDP6644	30	Single	0.0085	0.015	-	-	27	50	83
FDP7030BL	30	Single	0.009	0.012	-	-	23	60	65
ISL9N310AP3	30	Single	0.01	-	-	-	17	62	70
FDP6035L	30	Single	0.011	0.019	-	-	-	58	75
ISL9N312AP3	30	Single	0.012	-	-	-	13	58	75
FDP6035AL	30	Single	0.0125	0.017	-	-	17	48	58
FQP60N03L	30	Single	0.0135	0.019	-	-	34	60	100
FDP6030L	30	Single	0.0135	0.02	-	-	-	52	75
ISL9N316AP3	30	Single	0.0155	-	-	-	13	48	65
FDP6030BL	30	Single	0.018	0.024	-	-	12	40	60
FDP4030L	30	Single	0.035	0.055	-	-	-	20	37.5
HUF76107P3	30	Single	0.052	0.085	-	-	4.7	20	35
FDP6676S	30	SyncFET	0.0067	0.0082	-	-	40	76	70
FDP6670S	30	SyncFET	0.0088	0.0124	-	-	23	62	62.5
FDP6644S	30	SyncFET	0.01	0.012	-	-	27	55	60
FDP7030BLS	30	SyncFET	0.0105	0.0165	-	-	15	56	65
FDP6690S	30	SyncFET	0.0155	0.023	-	-	11	42	48
HUF75229P3	50	Single	0.022	-	-	-	35	44	90
BUZ11	50	Single	0.04	-	-	-	-	30	75
BUZ71	50	Single	0.1	-	-	-	-	14	40
BUZ71A	50	Single	0.12	-	-	-	-	13	40
RFP4N05L	50	Single	-	0.8	-	-	-	4	25
HUF75345P3	55	Single	0.007	-	-	-	125	75	325
HUFA75345P3	55	Single	0.007	-	-	-	125	75	325
HUF75344P3	55	Single	0.008	-	-	-	90	75	285
HUFA75344P3	55	Single	0.008	-	-	-	90	75	285
HUF75343P3	55	Single	0.009	-	-	-	92	75	270
HUFA75343P3	55	Single	0.009	-	-	-	92	75	270
HUF75339P3	55	Single	0.012	-	-	-	60	75	200
HUFA75339P3	55	Single	0.012	-	-	-	60	75	200
HUF75337P3	55	Single	0.014	-	-	-	51	75	175
HUFA75337P3	55	Single	0.014	-	-	-	51	75	175
HUF75333P3	55	Single	0.016	-	-	-	40	66	150
HUFA75333P3	55	Single	0.016	-	-	-	40	66	150
HUF75332P3	55	Single	0.019	-	-	-	40	60	145
HUFA75332P3	55	Single	0.019	-	-	-	40	60	145
HUF75329P3	55	Single	0.026	-	-	-	35	49	128
HUFA75329P3	55	Single	0.026	-	-	-	35	49	128
HUF75321P3	55	Single	0.034	-	-	-	21	35	93
HUFA75321P3	55	Single	0.034	-	-	-	21	35	93
HUF75309P3	55	Single	0.07	-	-	-	11	19	55
HUFA75309P3	55	Single	0.07	-	-	-	11	19	55
HUF75307P3	55	Single	0.09	-	-	-	9	15	45
HUFA75307P3	55	Single	0.09	-	-	-	9	15	45
HUF76445P3	60	Single	0.0065	0.0075	-	-	124	75	310
HUFA76445P3	60	Single	0.0065	0.0075	-	-	124	75	310
HUF76443P3	60	Single	0.008	0.0095	-	-	107	75	260
HUFA76443P3	60	Single	0.008	0.0095	-	-	107	75	260
FDP5645	60	Single	0.0095	-	-	-	76	80	125
FQP85N06	60	Single	0.01	-	-	-	86	85	160

Products	V _{DS} (V)	Configuration	R _{DS(ON)} Max. (Ohms) @ V _{GS} =				Q _g (nC) Typ @ V _{GS} = 5V (Note pg. 1)	Maximum Rating	
			10V	4.5V	2.5V	1.8V		I _D (A)	P _D (W)
TO-220 N-Channel (cont.)									
HUF76439P3	60	Single	0.012	0.014	-	-	70	75	180
HUFA76439P3	60	Single	0.012	0.014	-	-	70	75	180
HUF76437P3	60	Single	0.014	0.017	-	-	59	71	155
HUFA76437P3	60	Single	0.014	0.017	-	-	59	71	155
FQP65N06	60	Single	0.016	-	-	-	48	65	150
HUF76432P3	60	Single	0.017	0.019	-	-	44	59	130
HUFA76432P3	60	Single	0.017	0.019	-	-	44	59	130
FDP5680	60	Single	0.02	-	-	-	33	40	65
FQP55N06	60	Single	0.02	-	-	-	35	55	133
FQP50N06L	60	Single	0.021	.025@5V	-	-	24.5	52	121
HUF76429P3	60	Single	0.022	0.025	-	-	38	47	110
HUFA76429P3	60	Single	0.022	0.025	-	-	38	47	110
FQP50N06	60	Single	0.022	-	-	-	31	50	120
FDP5690	60	Single	0.027	-	-	-	23	32	58
HUF76423P3	60	Single	0.03	0.035	-	-	28	35	85
HUFA76423P3	60	Single	0.03	0.035	-	-	28	35	85
HUF76419P3	60	Single	0.035	0.04	-	-	22	29	75
HUFA76419P3	60	Single	0.035	0.04	-	-	22	29	75
FQP30N06L	60	Single	0.035	.045@5V	-	-	15	32	79
FQP30N06	60	Single	0.04	-	-	-	19	30	79
HUF76413P3	60	Single	0.049	0.056	-	-	17	23	60
HUFA76413P3	60	Single	0.049	0.056	-	-	17	23	60
FQP20N06L	60	Single	0.055	.07@5V	-	-	9.5	21	53
FQP20N06	60	Single	0.06	-	-	-	11.5	20	53
HUF76409P3	60	Single	0.062	0.07	-	-	12	18	49
HUFA76409P3	60	Single	0.062	0.07	-	-	12	18	49
HUF76407P3	60	Single	0.092	0.107	-	-	9.4	13	38
HUFA76407P3	60	Single	0.092	0.107	-	-	9.4	13	38
FQP13N06L	60	Single	0.11	.14@5V	-	-	4.8	13.6	45
FQP13N06	60	Single	0.135	-	-	-	5.8	13	45
HUFA7510P3	75	Single	0.01	-	-	-	105	75	310
HUF75545P3	80	Single	0.01	-	-	-	105	75	270
HUFA75545P3	80	Single	0.01	-	-	-	105	75	270
HUF75542P3	80	Single	0.014	-	-	-	80	75	230
HUFA75542P3	80	Single	0.014	-	-	-	80	75	230
FQP90N08	80	Single	0.016	-	-	-	84	71	160
FQP70N08	80	Single	0.017	-	-	-	75	70	155
FQP58N08	80	Single	0.024	-	-	-	50	57	146
FQP44N08	80	Single	0.034	-	-	-	38	44	127
FQP24N08	80	Single	0.06	-	-	-	19	24	75
FQP17N08L	80	Single	0.1	.115@5V	-	-	8.8	16.5	65
FQP17N08	80	Single	0.115	-	-	-	12	16.5	65
FQP9N08	80	Single	0.21	-	-	-	5.9	9.3	40
FQP9N08L	80	Single	0.21	.23@5V	-	-	4.7	9.3	40
HUF75645P3	100	Single	0.014	-	-	-	106	75	310
HUFA75645P3	100	Single	0.014	-	-	-	106	75	310
HUF76645P3	100	Single	0.014	0.015	-	-	127	75	310
HUFA76645P3	100	Single	0.014	0.015	-	-	127	75	310
FQP70N10	100	Single	0.025	-	-	-	85	57	160
HUF75639P3	100	Single	0.025	-	-	-	57	56	200
HUFA75639P3	100	Single	0.025	-	-	-	57	56	200
HUF76639P3	100	Single	0.026	0.027	-	-	71	51	180
HUFA76639P3	100	Single	0.026	0.027	-	-	71	51	180
FQP55N10	100	Single	0.026	-	-	-	75	55	155
HUF75637P3	100	Single	0.03	-	-	-	48	44	155

Products	V _{DS} (V)	Configuration	R _{DS(ON)} Max. (Ohms) @ V _{GS} =				Q _g (nC) Typ @ V _{GS} = 5V (Note pg. 1)	Maximum Rating	
			10V	4.5V	2.5V	1.8V		I _D (A)	P _D (W)
TO-220 N-Channel (cont.)									
HUFA75637P3	100	Single	0.03	-	-	-	48	44	155
HUF76633P3	100	Single	0.035	0.036	-	-	56	39	145
HUFA76633P3	100	Single	0.035	0.036	-	-	56	39	145
FQP44N10	100	Single	0.039	-	-	-	48	43.5	146
HUF75631P3	100	Single	0.04	-	-	-	35	33	120
HUFA75631P3	100	Single	0.04	-	-	-	35	33	120
IRF550A	100	Single	0.04	-	-	-	75	40	167
FQP33N10	100	Single	0.052	-	-	-	38	33	127
FQP33N10L	100	Single	0.052	.055@5V	-	-	30	33	127
IRF540A	100	Single	0.052	-	-	-	60	28	107
IRF540N	100	Single	0.052	-	-	-	60	28	107
IRL540A	100	Single	-	.058@5V	-	-	38.4	28	121
HUF75623P3	100	Single	0.064	-	-	-	23	22	85
HUFA75623P3	100	Single	0.064	-	-	-	23	22	85
IRF540	100	Single	0.077	-	-	-	38	28	125
FQP19N10	100	Single	0.1	-	-	-	19	19	75
FQP19N10L	100	Single	0.1	.11@5V	-	-	14	19	75
IRF530A	100	Single	0.11	-	-	-	27	14	55
IRF530N	100	Single	0.11	-	-	-	27	14	55
IRL530	100	Single	Use IRL530A	-	-	-	-	-	-
IRL530A	100	Single	-	.12@5V	-	-	16.9	14	62
IRF530	100	Single	0.16	-	-	-	18	14	79
FQP13N10	100	Single	0.18	-	-	-	12	12.8	65
FQP13N10L	100	Single	0.18	.2@5V	-	-	8.7	12.8	65
IRF520A	100	Single	0.2	-	-	-	16	9.2	45
IRL520A	100	Single	-	.22@5V	-	-	10.2	9.2	49
BUZ72A	100	Single	0.25	-	-	-	-	9	40
IRF520	100	Single	0.27	-	-	-	10	9.2	60
FQP7N10	100	Single	0.35	-	-	-	5.8	7.3	40
FQP7N10L	100	Single	0.35	.38@5V	-	-	4.6	7.3	40
IRF510A	100	Single	0.4	-	-	-	8.5	5.6	33
IRL510A	100	Single	-	.44@5V	-	-	5.5	5.6	37
IRF510	100	Single	0.54	-	-	-	5	5.6	43
FQP46N15	150	Single	0.042	-	-	-	85	45.6	210
HUF75842P3	150	Single	0.042	-	-	-	77	43	230
HUFA75842P3	150	Single	0.042	-	-	-	77	43	230
FDP2570	150	Single	0.08	-	-	-	40	22	93
FQP28N15	150	Single	0.09	-	-	-	40	28	168
FQP16N15	150	Single	0.16	-	-	-	23	16.4	108
FQP14N15	150	Single	0.21	-	-	-	18	14.4	104
FQP9N15	150	Single	0.4	-	-	-	10	9	75
FQP6N15	150	Single	0.6	-	-	-	6.5	6.4	63
FQP5N15	150	Single	0.8	-	-	-	5.4	5.4	54
SSP45N20B	200	Single	0.065	-	-	-	133	35	176
HUF75945P3	200	Single	0.071	-	-	-	118	38	310
FQP34N20	200	Single	0.075	-	-	-	60	31	180
FQP34N20L	200	Single	0.075	.08@5V	-	-	55	31	180
HUF75939P3	200	Single	0.125	-	-	-	64	22	180
FDP2670	200	Single	0.13	-	-	-	27	19	93
FQP19N20L	200	Single	0.14	.15@5V	-	-	27	21	140
FQP19N20	200	Single	0.15	-	-	-	31	19.4	140
IRF640N	200	Single	0.15	-	-	-	64	18	150
IRL640A	200	Single	-	.18@5V	-	-	40	18	110
IRF640	200	Single	0.18	-	-	-	43	18	125
IRF640A	200	Single	Use IRF640B	-	-	-	-	-	-

Products	V _{DS} (V)	Configuration	R _{DS(ON)} Max. (Ohms) @ V _{GS} =				Q _g (nC) Typ @ V _{GS} = 5V (Note pg. 1)	Maximum Rating	
			10V	4.5V	2.5V	1.8V		I _D (A)	P _D (W)
TO-220 N-Channel (cont.)									
IRF640B	200	Single	0.18	-	-	-	43	18	125
HUF75925P3	200	Single	0.275	-	-	-	32	11	100
FQP12N20	200	Single	0.28	-	-	-	18	11.6	90
FQP12N20L	200	Single	0.28	.32@5V	-	-	16	11.6	90
FQP10N20L	200	Single	0.36	.38@5V	-	-	13	10	87
FQP10N20	200	Single	0.36	-	-	-	13.5	10	87
IRL630	200	Single	Use IRL630A						
IRL630A	200	Single	-	.4@5V	-	-	18.6	9	69
FQP630	200	Single	0.4	-	-	-	19	9	78
IRF630N	200	Single	0.4	-	-	-	22	9	72
IRF630	200	Single	0.4	-	-	-	26	9	75
IRF630A	200	Single	Use IRF630B						
IRF630B	200	Single	0.4	-	-	-	22	9	72
FQP7N20	200	Single	0.69	-	-	-	8	6.6	63
FQP7N20L	200	Single	0.75	.78@5V	-	-	6.8	6.5	63
IRL620A	200	Single	-	.8@5V	-	-	10.3	5	39
IRF620	200	Single	0.8	-	-	-	11	5	40
IRF620A	200	Single	Use IRF620B						
IRF620B	200	Single	0.8	-	-	-	11	5	40
IRF650	200	Single	Use IRF650B						
IRF650A	200	Single	Use IRF650B						
IRF650B	200	Single	0.85	-	-	-	28	28	156
FQP5N20	200	Single	1.2	-	-	-	6	4.5	52
FQP5N20L	200	Single	1.2	1.25@5V	-	-	4.8	4.5	52
FQP4N20L	200	Single	1.35	1.4@5V	-	-	4	3.8	45
FQP4N20	200	Single	1.4	-	-	-	5	3.6	45
IRL610A	200	Single	-	1.5@5V	-	-	6.1	3.3	33
IRF610	200	Single	1.58	-	-	-	5.3	3.3	36
IRF610A	200	Single	Use IRF610B						
IRF610B	200	Single	1.58	-	-	-	5.3	3.3	36
RFP2N20L	200	Single	-	3.5	-	-	-	2	25
FQP27N25	250	Single	0.11	-	-	-	50	25.5	180
IRF654	250	Single	Use IRF654B						
IRF654A	250	Single	Use IRF654B						
IRF654B	250	Single	0.14	-	-	-	95	15	156
FQP16N25	250	Single	0.23	-	-	-	27	16	142
IRF644	250	Single	Use IRF644B						
IRF644A	250	Single	Use IRF644B						
IRF644B	250	Single	0.28	-	-	-	47	14	139
FQP9N25	250	Single	0.42	-	-	-	15.5	9.4	90
IRF634	250	Single	Use IRF634B						
IRF634A	250	Single	Use IRF634B						
IRF634B	250	Single	0.45	-	-	-	29	8.1	74
FQP8N25	250	Single	0.55	-	-	-	12	8	87
FQP6N25	250	Single	1	-	-	-	6.6	5.5	63
IRF624	250	Single	Use IRF624B						
IRF624A	250	Single	Use IRF624B						
IRF624B	250	Single	1.1	-	-	-	13.5	4.1	49
FQP4N25	250	Single	1.75	-	-	-	4.3	3.6	52
IRF614	250	Single	Use IRF614B						
IRF614A	250	Single	Use IRF614B						
IRF614B	250	Single	2	-	-	-	8.1	2.8	40
FQP3N25	250	Single	2.2	-	-	-	4	2.8	45
IRF646	275	Single	0.28	-	-	-	39	14	125
FQP22N30	300	Single	0.16	-	-	-	47	21	170

Products	V _{DS} (V)	Configuration	R _{DS(ON)} Max. (Ohms) @ V _{GS} =				Q _g (nC) Typ @ V _{GS} = 5V (Note pg. 1)	Maximum Rating	
			10V	4.5V	2.5V	1.8V		I _D (A)	P _D (W)
TO-220 N-Channel (cont.)									
FQP14N30	300	Single	0.29	-	-	-	30	9.1	147
FQP9N30	300	Single	0.45	-	-	-	17	9	98
FQP7N30	300	Single	0.7	-	-	-	13	7	85
FQP5N30	300	Single	0.9	-	-	-	9.8	5.4	70
FQP3N30	300	Single	2.2	-	-	-	5.5	3.2	55
FQP2N30	300	Single	3.7	-	-	-	3.7	1.3	16
FQP17N40	400	Single	0.27	-	-	-	45	16	170
FQP11N40	400	Single	0.48	-	-	-	27	11.4	147
IRF740B	400	Single	0.54	-	-	-	41	10	134
IRF740	400	Single	0.55	-	-	-	41	10	125
IRF740A	400	Single	0.55	-	-	-	25	10	147
FQP7N40	400	Single	0.8	-	-	-	16.5	7	98
IRF730	400	Single	1	-	-	-	20	5.5	75
IRF730A	400	Single	Use IRF730B						
IRF730B	400	Single	1	-	-	-	25	5.5	73
FQP6N40	400	Single	1.15	-	-	-	13	5.5	85
FQP5N40	400	Single	1.6	-	-	-	10	4.5	70
IRF720A	400	Single	Use IRF720B						
IRF720B	400	Single	1.75	-	-	-	14	3.3	46
IRF720	400	Single	1.8	-	-	-	12	3.3	50
FQP3N40	400	Single	3.4	-	-	-	6	2.5	55
IRF710A	400	Single	Use IRF710B						
IRF710B	400	Single	3.4	-	-	-	7.7	2	36
IRF710	400	Single	3.6	-	-	-	7	2	36
FQP2N40	400	Single	5.8	-	-	-	4	1.8	40
FQP6N45	450	Single	1.1	-	-	-	16	6.2	98
FQP13N50	500	Single	0.43	-	-	-	45	12.5	170
FQP9N50	500	Single	0.73	-	-	-	28	9	147
IRF840	500	Single	0.85	-	-	-	42	8	125
IRF840A	500	Single	0.85	-	-	-	20	8	147
IRF840B	500	Single	0.85	-	-	-	41	8	134
FQP6N50	500	Single	1.3	-	-	-	17	5.5	98
IRF830	500	Single	1.5	-	-	-	22	4.5	75
IRF830A	500	Single	Use IRF830B						
IRF830B	500	Single	1.5	-	-	-	22	4.5	75
FQP5N50	500	Single	1.8	-	-	-	13	4.5	85
IRF820	500	Single	3	-	-	-	12	2.5	50
IRF820A	500	Single	Use IRF820B						
IRF820B	500	Single	2.6	-	-	-	14	2.5	49
FQP4N50	500	Single	2.7	-	-	-	10	3.4	70
FQP2N50	500	Single	5.3	-	-	-	6	2.1	55
SSP1N50A	500	Single	Use SSP1N50B						
SSP1N50B	500	Single	5.5	-	-	-	8.3	1.5	36
FQP1N50	500	Single	9	-	-	-	4	1.4	40
FQP12N60	600	Single	0.7	-	-	-	42	10.5	180
SSP10N60A	600	Single	Use SSP10N60B						
SSP10N60B	600	Single	0.8	-	-	-	54	9	156
FQP7N60	600	Single	1	-	-	-	29	7.4	142
IRFBC40	600	Single	1.2	-	-	-	40	6.2	125
SSP6N60	600	Single	Use SSP7N60B						
SSP6N60A	600	Single	Use SSP7N60B						
SSP7N60A	600	Single	Use SSP7N60B						
SSP7N60B	600	Single	1.2	-	-	-	38	7	147
FQP6N60	600	Single	1.5	-	-	-	20	6.2	130
FQP5N60	600	Single	2	-	-	-	16	5	120

Products	V _{DS} (V)	Configuration	R _{DS(ON)} Max. (Ohms) @ V _{GS} =				Q _g (nC) Typ @ V _{GS} = 5V (Note pg. 1)	Maximum Rating	
			10V	4.5V	2.5V	1.8V		I _D (A)	P _D (W)
TO-220 N-Channel (cont.)									
FQP4N60	600	Single	2.2	-	-	-	15	4.4	106
SSP5N60A	600	Single	2.2	-	-	-	25	4.5	110
SSP4N60	600	Single	Use SSP4N60B						
SSP4N60A	600	Single	Use SSP4N60B						
SSP4N60AS	600	Single	Use SSP4N60B						
SSP4N60B	600	Single	2.5	-	-	-	22	4	100
FQP3N60	600	Single	3.6	-	-	-	10	3	75
FQP2N60	600	Single	4.7	-	-	-	9	2.4	64
SSP2N60A	600	Single	Use SSP2N60B						
SSP2N60B	600	Single	5	-	-	-	12.5	2	54
FQP1N60	600	Single	11.5	-	-	-	5	1.2	40
SSP1N60	600	Single	Use SSP1N60B						
SSP1N60A	600	Single	Use SSP1N60B						
SSP1N60B	600	Single	12	-	-	-	5.9	1	34
FQP6N70	700	Single	1.5	-	-	-	30	6.2	142
SSP6N70A	700	Single	1.8	-	-	-	51	6	130
SSP7N80A	800	Single	Use FQP7N80						
FQP7N80	800	Single	1.5	-	-	-	40	6.6	167
SSP6N80A	800	Single	Use FQP6N80						
FQP6N80	800	Single	1.95	-	-	-	31	5.8	158
SSP5N80	800	Single	Use FQP5N80						
SSP5N80A	800	Single	Use FQP5N80						
SSP4N80AS	800	Single	Use FQP5N80						
FQP5N80	800	Single	2.6	-	-	-	25	4.8	140
SSP4N70	800	Single	Use FQP4N80						
SSP4N80	800	Single	Use FQP4N80						
SSP4N80A	800	Single	Use FQP4N80						
FQP4N80	800	Single	3.6	-	-	-	19	3.9	130
SSP3N80	800	Single	Use FQP3N80						
SSP3N80A	800	Single	Use FQP3N80						
FQP3N80	800	Single	5	-	-	-	15	3	107
FQP2N80	800	Single	6.3	-	-	-	12	2.4	85
SSP2N90	800	Single	Use FQP2N90						
SSP2N90A	800	Single	Use FQP2N90						
SSP6N90A	900	Single	Use FQP6N90						
FQP6N90	900	Single	1.9	-	-	-	40	5.8	167
SSP5N90	900	Single	Use FQP5N90						
SSP5N90A	900	Single	Use FQP5N90						
FQP5N90	900	Single	2.3	-	-	-	31	5.4	158
SSP4N90A	900	Single	Use FQP4N90						
SSP4N90AS	900	Single	Use FQP4N90						
FQP4N90	900	Single	3.1	-	-	-	24	4.2	140
FQP3N90	900	Single	4.25	-	-	-	20	3.6	130
FQP2NA90	900	Single	5.8	-	-	-	15	2.8	107
FQP2N90	900	Single	7.2	-	-	-	12	2.2	85
RFP4N100	1000	Single	3.5	-	-	-	55	4.3	150
TO-220 P-Channel									
FQP3P50	-500	Single	4.9	-	-	-	18	2.7	85
FQP1P50	-500	Single	10.5	-	-	-	11	1.5	63
FQP4P40	-400	Single	3.1	-	-	-	18	3.5	85
FQP2P40	-400	Single	6.5	-	-	-	10	2	63
FQP9P25	-250	Single	0.62	-	-	-	29	9.4	120
SFP9644	-250	Single	0.8	-	-	-	45	8.6	123
FQP6P25	-250	Single	1.1	-	-	-	21	6	90
SFP9634	-250	Single	1.3	-	-	-	29	5	70

Products	V _{DS} (V)	Configuration	R _{DS(ON)} Max. (Ohms) @ V _{GS} =				Q _g (nC) Typ @ V _{GS} = 5V (Note pg. 1)	Maximum Rating	
			10V	4.5V	2.5V	1.8V		I _D (A)	P _D (W)
TO-220 P-Channel									
FQP4P25	-250	Single	2.1	-	-	-	10	4	75
SFP9624	-250	Single	2.4	-	-	-	16	2.7	38
FQP2P25	-250	Single	4	-	-	-	6.5	2.3	52
SFP9614	-250	Single	4	-	-	-	9	1.6	20
FQP12P20	-200	Single	0.47	-	-	-	31	11.5	120
IRF9640	-200	Single	0.5	-	-	-	70	11	125
SFP9640	-200	Single	0.5	-	-	-	46	11	123
FQP7P20	-200	Single	0.69	-	-	-	19	7.3	90
IRF9630	-200	Single	0.8	-	-	-	31	6.5	75
SFP9630	-200	Single	0.8	-	-	-	29	6.5	70
FQP5P20	-200	Single	1.4	-	-	-	10	4.8	75
IRF9620	-200	Single	1.5	-	-	-	16	3.5	40
SFP9620	-200	Single	1.5	-	-	-	15	3.5	38
FQP3P20	-200	Single	2.7	-	-	-	6	2.8	52
IRF9610	-100	Single	Use SFP9610						
SFP9610	-100	Single	3	-	-	-	9	1.8	20
SFP9640L	-100	Single	-	.5@5V	-	-	46	11	98
FQP22P10	-100	Single	0.125	-	-	-	40	22	125
FQP17P10	-100	Single	0.19	-	-	-	30	16.5	100
IRF9540	-100	Single	0.2	-	-	-	70	19	150
SFP9540	-100	Single	0.2	-	-	-	43	17	132
FQP12P10	-100	Single	0.29	-	-	-	21	11.5	75
IRF9530	-100	Single	0.3	-	-	-	25	12	75
SFP9530	-100	Single	0.3	-	-	-	30	10.5	66
FQP8P10	-100	Single	0.53	-	-	-	12	8	65
IRF9520	-100	Single	0.6	-	-	-	16	6	40
SFP9520	-100	Single	0.6	-	-	-	16	6	49
FQP5P10	-100	Single	1.05	-	-	-	6.3	4.5	40
IRF9510	-100	Single	1.2	-	-	-	8.5	3	20
SFP9510	-100	Single	1.2	-	-	-	9	3.6	32
FQP47P06	-60	Single	0.026	-	-	-	84	47	160
FQP27P06	-60	Single	0.07	-	-	-	33	27	120
FQP17P06	-60	Single	0.12	-	-	-	21	17	79
FQP11P06	-60	Single	0.175	-	-	-	13	11.4	53
IRF9Z20	-60	Single	Use SFP9Z24						
IRF9Z24	-60	Single	Use SFP9Z24						
SFP9Z24	-60	Single	0.28	-	-	-	15	9.7	49
SFP2955	-60	Single	0.3	-	-	-	15	9.4	49
FQP7P06	-60	Single	0.41	-	-	-	6.3	6.7	45
SFP9Z14	-60	Single	0.5	-	-	-	9	6.7	38
IRF9Z30	-60	Single	Use SFP9Z34						
IRF9Z34	-60	Single	Use SFP9Z34						
SFP9Z34	-60	Single	0.14	-	-	-	30	18	82
FDP6021P	-20	Single	-	0.03	0.04	0.065	20	28	37
NDP6020P	-20	Single	-	0.05	.075@2.7V	-	25	24	60
FDP4020P	-20	Single	-	0.08	0.11	-	-	16	37.5
TO-220F N-Channel									
FQPF85N06	60	Single	0.01	-	-	-	86	53	62
FQPF65N06	60	Single	0.016	-	-	-	48	40	56
FQPF55N06	60	Single	0.02	-	-	-	35	33	48
FQPF50N06L	60	Single	0.021	.025@5V	-	-	24.5	32.6	47
FQPF50N06	60	Single	0.022	-	-	-	31	31	47
FQPF30N06L	60	Single	0.035	.045@5V	-	-	15	22.5	38
FQPF30N06	60	Single	0.04	-	-	-	19	21	39
FQPF20N06L	60	Single	0.055	.07@5V	-	-	9.5	15.7	30

Products	V _{DS} (V)	Configuration	R _{DS(ON)} Max. (Ohms) @ V _{GS} =				Q _g (nC) Typ @ V _{GS} = 5V (Note pg. 1)	Maximum Rating	
			10V	4.5V	2.5V	1.8V		I _D (A)	P _D (W)
TO-220F N-Channel (cont.)									
FQPF20N06	60	Single	0.06	-	-	-	11.5	15	30
FQPF13N06L	60	Single	0.11	.14@5V	-	-	4.8	10	24
FQPF13N06	60	Single	0.135	-	-	-	5.8	9.4	24
FQPF90N08	80	Single	0.016	-	-	-	84	44	62
FQPF70N08	80	Single	0.017	-	-	-	75	43.6	60
FQPF58N08	80	Single	0.024	-	-	-	50	35	55
FQPF44N08	80	Single	0.034	-	-	-	38	25	41
FQPF24N08	80	Single	0.06	-	-	-	19	17	38
FQPF17N08L	80	Single	0.1	.115@5V	-	-	8.8	11.2	30
FQPF17N08	80	Single	0.115	-	-	-	12	11.2	30
FQPF9N08	80	Single	0.21	-	-	-	5.9	7	23
FQPF9N08L	80	Single	0.21	.23@5V	-	-	4.7	7	23
SSS70N10A	100	Single	0.023	-	-	-	151	28	49
FQPF70N10	100	Single	0.025	-	-	-	85	35	62
FQPF55N10	100	Single	0.026	-	-	-	75	34.2	60
FQPF44N10	100	Single	0.039	-	-	-	48	27	55
IRFS550A	100	Single	0.04	-	-	-	75	21	46
FQPF33N10	100	Single	0.052	-	-	-	38	18	41
IRFS540A	100	Single	0.052	-	-	-	60	17	39
FQPF19N10	100	Single	0.1	-	-	-	19	13.6	38
IRFS530	100	Single	Use IRFS530A						
IRFS530A	100	Single	0.11	-	-	-	27	10.7	32
FQPF13N10	100	Single	0.18	-	-	-	12	8.7	30
IRFS520A	100	Single	0.2	-	-	-	16	7.2	28
FQPF7N10	100	Single	0.35	-	-	-	5.8	5.5	23
IRFS510A	100	Single	0.4	-	-	-	8.5	4.5	21
FQPF33N10L	100	Single	0.052	.055@5V	-	-	30	18	41
IRLS540A	100	Single	-	.058@5V	-	-	38.4	17	44
FQPF19N10L	100	Single	0.1	.11@5V	-	-	14	13.6	38
IRLS530A	100	Single	-	.12@5V	-	-	16.9	10.7	36
FQPF13N10L	100	Single	0.18	.2@5V	-	-	8.7	8.7	30
IRLS520A	100	Single	-	.22@5V	-	-	10.2	7.2	30
FQPF7N10L	100	Single	0.35	.38@5V	-	-	4.6	5.5	23
IRLS510A	100	Single	-	.44@5V	-	-	5.5	4.5	23
FQPF46N15	150	Single	0.042	-	-	-	85	25.6	66
FQPF28N15	150	Single	0.09	-	-	-	40	16.7	60
FQPF16N15	150	Single	0.16	-	-	-	23	11.6	53
FQPF14N15	150	Single	0.21	-	-	-	18	9.8	48
FQPF9N15	150	Single	0.4	-	-	-	10	6.9	44
FQPF6N15	150	Single	0.6	-	-	-	6.5	5	38
FQPF5N15	150	Single	0.8	-	-	-	5.4	4.2	32
FQPF34N20	200	Single	0.075	-	-	-	60	17.5	55
FQPF19N20	200	Single	0.15	-	-	-	31	11.8	50
FQPF12N20	200	Single	0.28	-	-	-	18	8.2	45
FQPF10N20	200	Single	0.36	-	-	-	13.5	6.8	40
SSS45N20B	200	Single	0.065	-	-	-	133	20	57
IRFS650A	200	Single	Use IRFS650B						
IRFS650B	200	Single	0.085	-	-	-	95	15.8	50
IRFS640	200	Single	Use IRFS640B						
IRFS640A	200	Single	Use IRFS640B						
IRFS640B	200	Single	0.18	-	-	-	45	9.8	43
FQPF630	200	Single	0.4	-	-	-	19	6.3	38
IRFS630	200	Single	Use IRFS630B						
IRFS630A	200	Single	Use IRFS630B						
IRFS630B	200	Single	0.4	-	-	-	22	6.5	38

Products	V _{DS} (V)	Configuration	R _{DS(ON)} Max. (Ohms) @ V _{GS} =				Q _g (nC) Typ @ V _{GS} = 5V (Note pg. 1)	Maximum Rating	
			10V	4.5V	2.5V	1.8V		I _D (A)	P _D (W)
TO-220F N-Channel (cont.)									
FQPF7N20	200	Single	0.69	-	-	-	8	4.8	37
IRFS620A	200	Single	Use IRFS620B						
IRFS620B	200	Single	0.8	-	-	-	12	4.1	32
FQPF5N20	200	Single	1.2	-	-	-	6	3.5	32
FQPF4N20	200	Single	1.4	-	-	-	5	2.8	27
IRFS610A	200	Single	Use IRFS610B						
FQPF34N20L	200	Single	0.075	.08@5V	-	-	55	17.5	55
FQPF19N20L	200	Single	0.14	.15@5V	-	-	27	12.8	50
IRLS640A	200	Single	-	.18@5V	-	-	40	9.8	40
FQPF12N20L	200	Single	0.28	.32@5V	-	-	16	8.2	45
FQPF10N20L	200	Single	0.36	.38@5V	-	-	13	6.8	40
IRLS630A	200	Single	-	.4@5V	-	-	18.6	6.5	36
FQPF7N20L	200	Single	0.75	.78@5V	-	-	6.8	5	37
IRLS620A	200	Single	-	.8@5V	-	-	10.3	4.1	26
FQPF5N20L	200	Single	1.2	1.25@5V	-	-	4.8	3.5	32
FQPF4N20L	200	Single	1.35	1.4@5V	-	-	4	3	27
IRLS610A	200	Single	-	1.5@5V	-	-	6.1	2.5	19
IRFS610B	200	Single	1.5	-	-	-	7.2	2.5	8
FQPF27N25	250	Single	0.11	-	-	-	50	14	55
IRFS654A	250	Single	Use IRFS654B						
IRFS654B	250	Single	0.14	-	-	-	95	12	50
FQPF16N25	250	Single	0.23	-	-	-	27	9.5	50
IRFS644	250	Single	Use IRFS644B						
IRFS644A	250	Single	Use IRFS644B						
IRFS644B	250	Single	0.28	-	-	-	47	7.9	43
FQPF9N25	250	Single	0.42	-	-	-	15.5	6.7	45
IRFS634B	250	Single	Use IRFS634B						
IRFS634A	250	Single	Use IRFS634B						
IRFS634B	250	Single	0.45	-	-	-	29	5.8	38
FQPF8N25	250	Single	0.55	-	-	-	12	5.5	40
FQPF6N25	250	Single	1	-	-	-	6.6	4	37
IRFS624A	250	Single	Use IRFS624B						
IRFS624B	250	Single	1.1	-	-	-	13.5	3.4	34
FQPF4N25	250	Single	1.75	-	-	-	4.3	2.8	32
IRFS614A	250	Single	Use IRFS614B						
IRFS614B	250	Single	2	-	-	-	8.1	2.1	22
FQPF3N25	250	Single	2.2	-	-	-	4	2.3	27
FQPF22N30	300	Single	0.16	-	-	-	47	12	56
FQPF14N30	300	Single	0.29	-	-	-	30	8.5	50
FQPF9N30	300	Single	0.45	-	-	-	17	6	42
FQPF7N30	300	Single	0.7	-	-	-	13	4.9	39
FQPF5N30	300	Single	0.9	-	-	-	9.8	3.9	35
FQPF3N30	300	Single	2.2	-	-	-	5.5	2	20
FQPF2N30	300	Single	3.7	-	-	-	3.7	2.1	40
FQPF17N40	400	Single	0.27	-	-	-	45	9.5	56
IRFS750A	400	Single	0.3	-	-	-	101	8.4	49
FQPF11N40	400	Single	0.48	-	-	-	27	6.6	50
IRFS740	400	Single	Use IRFS740B						
IRFS740A	400	Single	Use IRFS740B						
IRFS740B	400	Single	0.54	-	-	-	41	5.7	44
FQPF7N40	400	Single	0.8	-	-	-	16.5	4.6	42
IRFS730	400	Single	Use IRFS730B						
IRFS730A	400	Single	Use IRFS730B						
IRFS730B	400	Single	1	-	-	-	25	3.9	38
FQPF6N40	400	Single	1.15	-	-	-	13	3.7	39

Products	V _{DS} (V)	Configuration	R _{DS(ON)} Max. (Ohms) @ V _{GS} =				Q _g (nC) Typ @ V _{GS} = 5V (Note pg. 1)	Maximum Rating	
			10V	4.5V	2.5V	1.8V		I _D (A)	P _D (W)
TO-220F N-Channel (cont.)									
FQPF5N40	400	Single	1.6	-	-	-	10	3	35
IRFS720	400	Single	Use IRFS720B						
IRFS720A	400	Single	Use IRFS720B						
IRFS720B	400	Single	1.75	-	-	-	14	2.8	33
FQPF3N40	400	Single	3.4	-	-	-	6	1.6	20
IRFS710A	400	Single	Use IRFS710B						
IRFS710B	400	Single	3.4	-	-	-	7.7	1.6	23
FQPF2N40	400	Single	5.8	-	-	-	4	1.1	16
FQPF6N45	450	Single	1.1	-	-	-	16	4	42
FQPF13N50	500	Single	0.43	-	-	-	45	7.3	56
FQPF9N50	500	Single	0.73	-	-	-	28	5.3	50
IRFS840	500	Single	Use IRFS840B						
IRFS840A	500	Single	Use IRFS840B						
IRFS840B	500	Single	0.85	-	-	-	41	4.6	44
FQPF6N50	500	Single	1.3	-	-	-	17	3.6	42
IRFS830	500	Single	Use IRFS830B						
IRFS830A	500	Single	Use IRFS830B						
IRFS830B	500	Single	1.5	-	-	-	27	4.5	38
IRFS820	500	Single	Use IRFS820B						
IRFS820A	500	Single	Use IRFS820B						
FQPF5N50	500	Single	1.8	-	-	-	13	3	39
IRFS820B	500	Single	2.6	-	-	-	14	2.1	33
FQPF4N50	500	Single	2.7	-	-	-	10	2.3	35
FQPF2N50	500	Single	5.3	-	-	-	6	1.3	20
SSS1N50A	500	Single	Use SSS1N50B						
SSS1N50B	500	Single	5.5	-	-	-	8.3	1.2	23
FQPF1N50	500	Single	9	-	-	-	4	0.9	16
FQPF12N60	600	Single	0.7	-	-	-	42	5.8	55
SSS10N60A	600	Single	Use SSS10N60B						
SSS10N60B	600	Single	0.8	-	-	-	54	5.1	50
FQPF7N60	600	Single	1	-	-	-	29	4.3	48
SSS7N60	600	Single	Use SSS7N60B						
SSS7N60A	600	Single	Use SSS7N60B						
SSS7N60B	600	Single	1.2	-	-	-	38	4	48
FQPF6N60	600	Single	1.5	-	-	-	20	6.2	44
FQPF5N60	600	Single	2	-	-	-	16	2.8	40
FQPF4N60	600	Single	2.2	-	-	-	15	2.6	36
SSS5N60A	600	Single	2.2	-	-	-	31	2.6	35
SSS4N60	600	Single	Use SSS4N60B						
SSS4N60A	600	Single	Use SSS4N60B						
SSS4N60AS	600	Single	Use SSS4N60B						
SSS4N60B	600	Single	2.5	-	-	-	22	2.3	33
FQPF3N60	600	Single	3.6	-	-	-	10	2	34
FQPF2N60	600	Single	4.7	-	-	-	9	1.6	28
SSS2N60	600	Single	Use SSS2N60B						
SSS2N60A	600	Single	Use SSS2N60B						
SSS2N60B	600	Single	5	-	-	-	12.5	1.3	23
FQPF1N60	600	Single	11.5	-	-	-	5	0.9	21
SSS1N60A	600	Single	Use SSS1N60B						
SSS1N60B	600	Single	12	-	-	-	5.9	0.7	17
FQPF6N70	700	Single	1.5	-	-	-	30	3.5	48
SSS6N70A	700	Single	1.8	-	-	-	51	4	40
SSS7N80A	800	Single	Use FQPF7N80						
FQPF7N80	800	Single	1.5	-	-	-	40	3.8	56
SSS6N80A	800	Single	Use FQPF6N80						

Products	V _{DS} (V)	Configuration	R _{DS(ON)} Max. (Ohms) @ V _{GS} =				Q _g (nC) Typ @ V _{GS} = 5V (Note pg. 1)	Maximum Rating	
			10V	4.5V	2.5V	1.8V		I _D (A)	P _D (W)
TO-220F N-Channel (cont.)									
FQPF6N80	800	Single	1.95	-	-	-	31	3.3	51
SSS4N80	800	Single	Use FQPF5N80						
SSS4N80A	800	Single	Use FQPF5N80						
SSS4N80AS	800	Single	Use FQPF5N80						
FQPF5N80	800	Single	2.6	-	-	-	25	2.8	47
SSS4N80A	800	Single	Use FQPF4N80						
FQPF4N80	800	Single	3.6	-	-	-	19	2.2	43
SSS3N80	800	Single	Use FQPF3N80						
SSS3N80A	800	Single	Use FQPF3N80						
SSS3N80YD	800	Single	Use FQPF3N80						
FQPF3N80	800	Single	5	-	-	-	15	1.8	39
FQPF2N80	800	Single	6.3	-	-	-	12	1.5	35
SSS6N90A	900	Single	Use FQPF6N90						
FQPF6N90	900	Single	1.9	-	-	-	40	3.4	56
SSS5N90	900	Single	Use FQPF5N90						
SSS5N90A	900	Single	Use FQPF5N90						
SSS5N90AS	900	Single	Use FQPF5N90						
FQPF5N90	900	Single	2.3	-	-	-	31	3	51
FQPF4N90	900	Single	3.1	-	-	-	24	2.5	47
SSS3N90	900	Single	Use FQPF3N90						
SSS3N90A	900	Single	Use FQPF3N90						
FQPF3N90	900	Single	4.25	-	-	-	20	2.1	43
FQPF2NA90	900	Single	5.8	-	-	-	15	1.7	39
SSS2N90A	900	Single	Use FQPF2N90						
FQPF2N90	900	Single	7.2	-	-	-	12	1.4	35
TO-220F P-Channel									
FQPF3P50	-500	Single	4.9	-	-	-	18	1.9	39
FQPF1P50	-500	Single	10.5	-	-	-	11	1	28
FQPF4P40	-400	Single	3.1	-	-	-	18	2.4	39
FQPF2P40	-400	Single	6.5	-	-	-	10	1.3	28
FQPF9P25	-250	Single	0.62	-	-	-	29	6	50
SFS9644	-250	Single	0.8	-	-	-	45	4.9	40
FQPF6P25	-250	Single	1.1	-	-	-	21	4.2	45
SFS9634	-250	Single	1.3	-	-	-	29	3.4	33
FQPF4P25	-250	Single	2.1	-	-	-	10	2.8	38
SFS9624	-250	Single	2.4	-	-	-	16	2.4	28
FQPF2P25	-250	Single	4	-	-	-	6.5	1.8	32
SFS9614	-250	Single	4	-	-	-	9	1.3	13
FQPF12P20	-200	Single	0.47	-	-	-	31	7.3	50
SFS9640	-200	Single	0.5	-	-	-	46	6.2	40
FQPF7P20	-200	Single	0.69	-	-	-	19	5.2	45
SFS9630	-200	Single	0.8	-	-	-	29	4.4	33
FQPF5P20	-200	Single	1.4	-	-	-	10	3.4	38
SFS9620	-200	Single	1.5	-	-	-	15	3	28
FQPF3P20	-200	Single	2.7	-	-	-	6	2.2	32
SFS9610	-200	Single	3	-	-	-	9	1.4	13
FQPF22P10	-100	Single	0.125	-	-	-	40	13.2	45
FQPF17P10	-100	Single	0.19	-	-	-	30	10.5	41
SFS9540	-100	Single	0.2	-	-	-	43	10.7	53
FQPF12P10	-100	Single	0.29	-	-	-	21	8.2	38
SFS9530	-100	Single	0.3	-	-	-	30	8	39
FQPF8P10	-100	Single	0.53	-	-	-	12	5.3	28
SFS9520	-100	Single	0.6	-	-	-	16	4.6	29
FQPF5P10	-100	Single	1.05	-	-	-	6.3	2.9	23
SFS9510	-100	Single	1.2	-	-	-	9	2.5	16

Products	V _{DS} (V)	Configuration	R _{DS(ON)} Max. (Ohms) @ V _{GS} =				Q _g (nC) Typ @ V _{GS} = 5V (Note pg. 1)	Maximum Rating	
			10V	4.5V	2.5V	1.8V		I _D (A)	P _D (W)
TO-220F P-Channel (cont.)									
FQPF47P06	-60	Single	0.026	-	-	-	84	30	62
FQPF27P06	-60	Single	0.07	-	-	-	33	17	47
FQPF17P06	-60	Single	0.12	-	-	-	21	12	39
SFS9Z34	-60	Single	0.14	-	-	-	30	12	36
FQPF11P06	-60	Single	0.175	-	-	-	13	8.6	30
SFS9Z24	-60	Single	0.28	-	-	-	15	7.5	29
SFS2955	-60	Single	0.3	-	-	-	15	7.3	29
FQPF7P06	-60	Single	0.41	-	-	-	6.3	5.3	24
SFS9Z14	-60	Single	0.5	-	-	-	9	5.3	24
TO-262 (I²PAK) N-Channel									
FQI85N06	60	Single	0.01	-	-	-	86	85	160
FQI65N06	60	Single	0.016	-	-	-	48	65	150
FQI55N06	60	Single	0.02	-	-	-	35	55	133
FQI50N06L	60	Single	0.021	.025@5V	-	-	24.5	52	121
FQI50N06	60	Single	0.022	-	-	-	31	50	120
FQI30N06L	60	Single	0.035	.045@5V	-	-	15	32	79
FQI30N06	60	Single	0.04	-	-	-	19	30	79
RF1S25N06	60	Single	0.047	-	-	-	35	25	72
FQI20N06L	60	Single	0.055	.07@5V	-	-	9.5	21	53
FQI20N06	60	Single	0.06	-	-	-	11.5	20	53
FQI13N06L	60	Single	0.11	.14@5V	-	-	4.8	13.6	45
FQI13N06	60	Single	0.135	-	-	-	5.8	13	45
FQI90N08	80	Single	0.016	-	-	-	84	71	160
FQI70N08	80	Single	0.017	-	-	-	75	70	155
FQI58N08	80	Single	0.024	-	-	-	50	57	146
FQI44N08	80	Single	0.034	-	-	-	38	44	127
FQI24N08	80	Single	0.06	-	-	-	19	24	75
FQI17N08L	80	Single	0.1	.115@5V	-	-	8.8	16.5	65
FQI17N08	80	Single	0.115	-	-	-	12	16.5	65
FQI9N08	80	Single	0.21	-	-	-	5.9	9.3	40
FQI9N08L	80	Single	0.21	.23@5V	-	-	4.7	9.3	40
FQI70N10	100	Single	0.025	-	-	-	85	57	160
HUF75639S3	100	Single	0.025	-	-	-	57	56	200
FQI55N10	100	Single	0.026	-	-	-	75	55	155
FQI44N10	100	Single	0.039	-	-	-	48	43.5	146
IRFI550A	100	Single	0.04	-	-	-	75	40	167
FQI33N10	100	Single	0.052	-	-	-	38	33	127
IRFI540A	100	Single	0.052	-	-	-	60	28	107
FQI19N10	100	Single	0.1	-	-	-	19	19	75
IRFI530A	100	Single	0.11	-	-	-	27	14	55
FQI13N10	100	Single	0.18	-	-	-	12	12.8	65
IRFI520A	100	Single	0.2	-	-	-	16	9.2	45
FQI7N10	100	Single	0.35	-	-	-	5.8	7.3	40
IRFI510A	100	Single	0.4	-	-	-	8.5	5.6	33
FQI33N10L	100	Single	0.052	.055@5V	-	-	30	33	127
IRLI540A	100	Single	-	.058@5V	-	-	38.4	28	121
FQI19N10L	100	Single	0.1	.11@5V	-	-	14	19	75
IRLI530A	100	Single	-	.12@5V	-	-	16.9	14	62
FQI13N10L	100	Single	0.18	.2@5V	-	-	8.7	12.8	65
IRLI520A	100	Single	-	.22@5V	-	-	10.2	9.2	49
FQI7N10L	100	Single	0.35	.38@5V	-	-	4.6	7.3	40
IRLI510A	100	Single	-	.44@5V	-	-	5.5	5.6	37
FQI46N15	150	Single	0.042	-	-	-	85	45.6	210
FQI28N15	150	Single	0.09	-	-	-	40	28	168
FQI16N15	150	Single	0.16	-	-	-	23	16.4	108

Products	V _{DS} (V)	Configuration	R _{DS(ON)} Max. (Ohms) @ V _{GS} =				Q _g (nC) Typ @ V _{GS} = 5V (Note pg. 1)	Maximum Rating	
			10V	4.5V	2.5V	1.8V		I _D (A)	P _D (W)
TO-262 (I²PAK) N-Channel (cont.)									
FQI14N15	150	Single	0.21	-	-	-	18	14.4	104
FQI5N15	150	Single	0.8	-	-	-	5.4	5.4	54
FQI9N15	150	Single	0.4	-	-	-	10	9	75
FQI6N15	150	Single	0.6	-	-	-	6.5	6.4	63
FQI34N20	200	Single	0.075	-	-	-	60	31	180
IRFI650B	200	Single	0.085	-	-	-	95	28	156
FQI19N20	200	Single	0.15	-	-	-	31	19.4	140
IRFI640A	200	Single	Use IRFI640B						
IRFI640B	200	Single	0.18	-	-	-	45	18	139
FQI12N20	200	Single	0.28	-	-	-	18	11.6	90
FQI10N20	200	Single	0.36	-	-	-	13.5	10	87
FQI630	200	Single	0.4	-	-	-	19	9	78
IRFI630A	200	Single	Use IRFI630B						
IRFI630B	200	Single	0.4	-	-	-	22	9	72
FQI7N20	200	Single	0.69	-	-	-	8	6.6	63
IRFI620A	200	Single	Use IRFI620B						
IRFI620B	200	Single	0.8	-	-	-	12	5	47
FQI5N20	200	Single	1.2	-	-	-	6	4.5	52
FQI4N20	200	Single	1.4	-	-	-	5	3.6	45
IRFI610A	200	Single	Use IRFI610B						
IRFI610B	200	Single	1.5	-	-	-	7.2	3.3	38
FQI34N20L	200	Single	0.075	.08@5V	-	-	55	31	180
FQI19N20L	200	Single	0.14	.15@5V	-	-	27	21	140
IRLI640A	200	Single	-	.18@5V	-	-	40	18	110
FQI12N20L	200	Single	0.28	.32@5V	-	-	16	11.6	90
FQI10N20L	200	Single	0.36	.38@5V	-	-	13	10	87
IRLI630A	200	Single	-	.4@5V	-	-	18.6	9	69
FQI7N20L	200	Single	0.75	.78@5V	-	-	6.8	6.5	63
IRLI620A	200	Single	-	.8@5V	-	-	10.3	5	39
FQI5N20L	200	Single	1.2	1.25@5V	-	-	4.8	4.5	52
FQI4N20L	200	Single	1.35	1.4@5V	-	-	4	3.8	45
IRLI610A	200	Single	-	1.5@5V	-	-	6.1	3.3	33
FQI27N25	250	Single	0.11	-	-	-	50	25.5	180
IRFI654B	250	Single	0.14	-	-	-	95	15	156
FQI16N25	250	Single	0.23	-	-	-	27	16	142
IRFI644A	250	Single	Use IRFI644B						
IRFI644B	250	Single	0.28	-	-	-	47	14	139
FQI9N25	250	Single	0.42	-	-	-	15.5	9.4	90
IRFI634A	250	Single	Use IRFI634B						
IRFI634B	250	Single	0.45	-	-	-	29	8.1	74
FQI8N25	250	Single	0.55	-	-	-	12	8	87
FQI6N25	250	Single	1	-	-	-	6.6	5.5	63
FQI4N25	250	Single	1.75	-	-	-	4.3	3.6	52
FQI3N25	250	Single	2.2	-	-	-	4	2.8	45
IRFI624A	250	Single	Use IRFI624B						
IRFI624B	250	Single	1.1	-	-	-	13.5	4.1	49
IRFI614A	250	Single	Use IRFI614B						
IRFI614B	250	Single	2	-	-	-	8.1	2.8	40
FQI14N30	300	Single	0.29	-	-	-	30	9.1	147
FQI9N30	300	Single	0.45	-	-	-	17	9	98
FQI7N30	300	Single	0.7	-	-	-	13	7	85
FQI5N30	300	Single	0.9	-	-	-	9.8	5.4	70
FQI3N30	300	Single	2.2	-	-	-	5.5	3.2	55
FQI2N30	300	Single	3.7	-	-	-	3.7	2.1	40
FQI11N40	400	Single	0.48	-	-	-	27	11.4	147

Products	V _{DS} (V)	Configuration	R _{DS(ON)} Max. (Ohms) @ V _{GS} =				Q _g (nC) Typ @ V _{GS} = 5V (Note pg. 1)	Maximum Rating	
			10V	4.5V	2.5V	1.8V		I _D (A)	P _D (W)
TO-262 (I²PAK) N-Channel (cont.)									
IRFI740A	400	Single	Use IRFI740B						
IRFI740B	400	Single	0.54	-	-	-	41	10	134
FQI7N40	400	Single	0.8	-	-	-	16.5	7	98
IRFI730A	400	Single	Use IRFI730B						
IRFI730B	400	Single	1	-	-	-	25	5.5	73
FQI6N40	400	Single	1.15	-	-	-	13	5.5	85
FQI5N40	400	Single	1.6	-	-	-	10	4.5	70
IRFI720A	400	Single	Use IRFI720B						
IRFI720B	400	Single	1.75	-	-	-	14	3.3	46
FQI3N40	400	Single	3.4	-	-	-	6	2.5	55
IRFI710A	400	Single	Use IRFI710B						
IRFI710B	400	Single	3.4	-	-	-	7.7	2	36
FQI6N45	450	Single	1.1	-	-	-	16	6.2	98
FQI9N50	500	Single	0.73	-	-	-	28	9	147
IRFI840A	500	Single	Use IRFI840B						
IRFI840B	500	Single	0.85	-	-	-	41	8	134
FQI6N50	500	Single	1.3	-	-	-	17	5.5	98
IRFI830A	500	Single	Use IRFI830B						
IRFI830B	500	Single	1.5	-	-	-	27	4.5	73
FQI5N50	500	Single	1.8	-	-	-	13	4.5	85
IRFI820A	500	Single	Use IRFI820B						
IRFI820B	500	Single	2.6	-	-	-	14	2.5	49
FQI4N50	500	Single	2.7	-	-	-	10	3.4	70
FQI2N50	500	Single	5.3	-	-	-	6	2.1	55
SSI1N50A	500	Single	Use SSI1N50B						
SSI1N50B	500	Single	5.5	-	-	-	8.3	1.5	36
FQI12N60	600	Single	0.7	-	-	-	42	10.5	180
SSI10N60B	600	Single	0.8	-	-	-	54	9	156
FQI7N60	600	Single	1	-	-	-	29	7.4	142
SSI7N60A	600	Single	Use SSI7N60B						
SSI7N60B	600	Single	1.2	-	-	-	38	7	147
FQI6N60	600	Single	1.5	-	-	-	20	6.2	130
FQI5N60	600	Single	2	-	-	-	16	5	120
FQI4N60	600	Single	2.2	-	-	-	15	4.4	106
SSI5N60A	600	Single	2.2	-	-	-	31	4.5	110
SSI4N60A	600	Single	Use SSI4N60B						
SSI4N60B	600	Single	2.5	-	-	-	22	4	100
FQI3N60	600	Single	3.6	-	-	-	10	3	75
FQI2N60	600	Single	4.7	-	-	-	9	2.4	64
SSI2N60A	600	Single	Use SSI2N60B						
SSI2N60B	600	Single	5	-	-	-	12.5	2	54
FQI1N60	600	Single	11.5	-	-	-	5	1.2	40
SSI1N60A	600	Single	Use SSI1N60B						
SSI1N60B	600	Single	12	-	-	-	5.9	1	34
FQI6N70	700	Single	1.5	-	-	-	30	6.2	142
SSI6N70A	700	Single	1.8	-	-	-	51	6	130
FQI7N80	800	Single	1.5	-	-	-	40	6.6	167
FQI6N80	800	Single	1.95	-	-	-	31	5.8	158
SSI5N80A	800	Single	Use FQI5N80						
FQI5N80	800	Single	2.6	-	-	-	25	4.8	140
FQI4N80	800	Single	3.6	-	-	-	19	3.9	130
FQI3N80	800	Single	5	-	-	-	15	3	107
SSI2N80A	800	Single	Use FQI2N80						
FQI2N80	800	Single	6.3	-	-	-	12	2.4	85
FQI6N90	900	Single	1.9	-	-	-	40	5.8	167

Products	V _{DS} (V)	Configuration	R _{DS(ON)} Max. (Ohms) @ V _{GS} =				Q _g (nC) Typ @ V _{GS} = 5V (Note pg. 1)	Maximum Rating	
			10V	4.5V	2.5V	1.8V		I _D (A)	P _D (W)
TO-262 (I²PAK) N-Channel (cont.)									
FQI5N90	900	Single	2.3	-	-	-	31	5.4	158
FQI4N90	900	Single	3.1	-	-	-	24	4.2	140
SSI3N90A	900	Single	Use FQI3N90						
FQI3N90	900	Single	4.25	-	-	-	20	3.6	130
FQI2NA90	900	Single	5.8	-	-	-	15	2.8	107
FQI2N90	900	Single	7.2	-	-	-	12	2.2	85
TO-262 (I²PAK) P-Channel									
FQI3P50	-500	Single	4.9	-	-	-	18	2.7	85
FQI1P50	-500	Single	10.5	-	-	-	11	1.5	63
FQI4P40	-400	Single	3.1	-	-	-	18	3.5	85
FQI2P40	-400	Single	6.5	-	-	-	10	2	63
FQI9P25	-250	Single	0.62	-	-	-	29	9.4	120
SFI9644	-250	Single	0.8	-	-	-	45	8.6	123
FQI6P25	-250	Single	1.1	-	-	-	21	6	90
SFI9634	-250	Single	1.3	-	-	-	29	5	70
FQI4P25	-250	Single	2.1	-	-	-	10	4	75
SFI9624	-250	Single	2.4	-	-	-	16	2.7	38
FQI2P25	-250	Single	4	-	-	-	6.5	2.3	52
SFI9614	-250	Single	4	-	-	-	9	1.6	20
FQI12P20	-200	Single	0.47	-	-	-	31	11.5	120
SFI9640	-200	Single	0.5	-	-	-	46	11	123
FQI7P20	-200	Single	0.69	-	-	-	19	7.3	90
SFI9630	-200	Single	0.8	-	-	-	29	6.5	70
FQI5P20	-200	Single	1.4	-	-	-	10	4.8	75
SFI9620	-200	Single	1.5	-	-	-	15	3.5	38
FQI3P20	-200	Single	2.7	-	-	-	6	2.8	52
SFI9610	-200	Single	3	-	-	-	9	1.8	20
FQI22P10	-100	Single	0.125	-	-	-	40	22	125
FQI17P10	-100	Single	0.19	-	-	-	30	16.5	100
SFI9540	-100	Single	0.2	-	-	-	43	17	132
FQI12P10	-100	Single	0.29	-	-	-	21	11.5	75
SFI9530	-100	Single	0.3	-	-	-	30	10.5	66
FQI8P10	-100	Single	0.53	-	-	-	12	8	65
SFI9520	-100	Single	0.6	-	-	-	16	6	49
FQI5P10	-100	Single	1.05	-	-	-	6.3	4.5	40
SFI9510	-100	Single	1.2	-	-	-	9	3.6	32
FQI47P06	-60	Single	0.026	-	-	-	84	47	160
FQI27P06	-60	Single	0.07	-	-	-	33	27	120
FQI17P06	-60	Single	0.12	-	-	-	21	17	79
SFI9Z34	-60	Single	0.14	-	-	-	30	18	82
FQI11P06	-60	Single	0.175	-	-	-	13	11.4	53
SFI9Z24	-60	Single	0.28	-	-	-	15	9.7	49
SFI2955	-60	Single	0.3	-	-	-	15	9.4	49
FQI7P06	-60	Single	0.41	-	-	-	6.3	7	45
SFI9Z14	-60	Single	0.5	-	-	-	9	6.7	38
TO-263 (D²PAK) N-Channel									
ISL9N302AS3ST	30	Single	0.0023	0.0033	-	-	110	75	345
FDB8030L	30	Single	0.0035	0.0045	-	-	120	80	187
ISL9N303AS3ST	30	Single	0.0032	0.005	-	-	68	75	215
FDB7045L	30	Single	0.0045	0.006	-	-	50	100	125
ISL9N304AS3ST	30	Single	0.0045	0.0075	-	-	38	75	145
FDB6676	30	Single	0.006	0.0075	-	-	43	84	93
FDB6670AL	30	Single	0.0065	0.0085	-	-	35	80	75
FDB7042L	30	Single	0.0075	0.009	-	-	32	50	83
ISL9N306AS3ST	30	Single	0.006	0.0095	-	-	30	75	125

Products	V _{DS} (V)	Configuration	R _{DS(ON)} Max. (Ohms) @ V _{GS} =				Q _g (nC) Typ @ V _{GS} = 5V (Note pg. 1)	Maximum Rating	
			10V	4.5V	2.5V	1.8V		I _D (A)	P _D (W)
TO-263 (D²PAK) N-Channel (cont.)									
ISL9N307AS3ST	30	Single	0.007	-	-	-	28	75	100
FDB7030L	30	Single	0.007	0.01	-	-	-	100	125
FDB7030BL	30	Single	0.009	0.012	-	-	23	60	65
FDB6644	30	Single	0.0085	0.015	-	-	27	50	83
ISL9N310AS3ST	30	Single	0.01	-	-	-	17	62	70
FDB6035L	30	Single	0.011	0.019	-	-	-	58	75
ISL9N312AS3ST	30	Single	0.012	-	-	-	13	58	75
FDB6035AL	30	Single	0.0125	0.017	-	-	17	48	58
FQB60N03L	30	Single	0.0135	0.019	-	-	34	60	100
FDB6030L	30	Single	0.0135	0.02	-	-	-	52	75
ISL9N316AS3ST	30	Single	0.0155	-	-	-	13	48	65
FDB6030BL	30	Single	0.018	0.024	-	-	12	40	60
FDB603AL	30	Single	0.022	0.036	-	-	-	33	50
FDB4030L	30	Single	0.035	0.055	-	-	13	20	37.5
FDB6676S	30	SyncFET	0.0067	0.0082	-	-	40	76	70
FDB6644S	30	SyncFET	0.01	0.012	-	-	27	55	60
FDB6670S	30	SyncFET	0.0088	0.0124	-	-	23	62	62.5
FDB7030BLS	30	SyncFET	0.0105	0.0165	-	-	15	56	65
FDB6690S	30	SyncFET	0.0155	0.023	-	-	11	42	48
HUFA75345S3S	55	Single	0.007	-	-	-	125	75	325
HUF75344S3S	55	Single	0.008	-	-	-	90	75	285
HUFA75344S3S	55	Single	0.008	-	-	-	90	75	285
HUFA75343S3S	55	Single	0.009	-	-	-	92	75	270
HUF75339S3S	55	Single	0.012	-	-	-	60	75	200
HUFA75339S3S	55	Single	0.012	-	-	-	60	75	200
HUF75337S3S	55	Single	0.014	-	-	-	51	75	175
HUFA75337S3S	55	Single	0.014	-	-	-	51	75	175
HUF75333S3S	55	Single	0.016	-	-	-	40	66	150
HUFA75333S3S	55	Single	0.016	-	-	-	40	66	150
HUF75332S3S	55	Single	0.019	-	-	-	40	60	145
HUFA75332S3S	55	Single	0.019	-	-	-	40	60	145
HUFA75329S3S	55	Single	0.026	-	-	-	35	49	128
HUF75321S3S	55	Single	0.034	-	-	-	21	35	93
HUFA75321S3S	55	Single	0.034	-	-	-	21	35	93
HUF76445S3S	60	Single	0.0065	0.0075	-	-	124	75	310
HUFA76445S3S	60	Single	0.0065	0.0075	-	-	124	75	310
HUF76443S3S	60	Single	0.008	0.0095	-	-	107	75	260
HUFA76443S3S	60	Single	0.008	0.0095	-	-	107	75	260
FDB5645	60	Single	0.0095	-	-	-	76	80	125
FQB85N06	60	Single	0.01	-	-	-	86	85	160
HUF76439S3S	60	Single	0.012	0.014	-	-	70	75	180
HUFA76439S3S	60	Single	0.012	0.014	-	-	70	75	180
HUF76437S3S	60	Single	0.014	0.017	-	-	59	71	155
HUFA76437S3S	60	Single	0.014	0.017	-	-	59	71	155
RF1S70N06SM	60	Single	0.014	-	-	-	100	70	150
FQB65N06	60	Single	0.016	-	-	-	48	65	150
HUF76432S3S	60	Single	0.017	0.019	-	-	44	59	130
HUFA76432S3S	60	Single	0.017	0.019	-	-	44	59	130
FDB5680	60	Single	0.02	-	-	-	33	40	65
FQB55N06	60	Single	0.02	-	-	-	35	55	133
FQB50N06L	60	Single	0.021	.025@5V	-	-	24.5	52	121
HUF76429S3S	60	Single	0.022	0.025	-	-	38	47	110
HUFA76429S3S	60	Single	0.022	0.025	-	-	38	47	110
FQB50N06	60	Single	0.022	-	-	-	31	50	120
RF1S50N06SM	60	Single	0.022	-	-	-	67	50	131

Products	V _{DS} (V)	Configuration	R _{DS(ON)} Max. (Ohms) @ V _{GS} =				Q _g (nC) Typ @ V _{GS} = 5V (Note pg. 1)	Maximum Rating	
			10V	4.5V	2.5V	1.8V		I _D (A)	P _D (W)
TO-263 (D²PAK) N-Channel (cont.)									
FDB5690	60	Single	0.027	-	-	-	23	32	58
HUF76423S3S	60	Single	0.03	0.035	-	-	28	35	85
HUFA76423S3S	60	Single	0.03	0.035	-	-	28	35	85
HUF76419S3S	60	Single	0.035	0.04	-	-	22	29	75
HUFA76419S3S	60	Single	0.035	0.04	-	-	22	29	75
FQB30N06L	60	Single	0.035	.045@5V	-	-	15	32	79
FQB30N06	60	Single	0.04	-	-	-	19	30	79
FQB20N06L	60	Single	0.055	.07@5V	-	-	9.5	21	53
FQB20N06	60	Single	0.06	-	-	-	11.5	20	53
FQB13N06L	60	Single	0.11	.14@5V	-	-	4.8	13.6	45
FQB13N06	60	Single	0.135	-	-	-	5.8	13	45
HUFA7510S3S	75	Single	0.01	-	-	-	105	75	310
HUF75545S3S	80	Single	0.01	-	-	-	105	75	270
HUFA75545S3S	80	Single	0.01	-	-	-	105	75	270
HUF75542S3S	80	Single	0.014	-	-	-	80	75	230
HUFA75542S3S	80	Single	0.014	-	-	-	80	75	230
FQB90N08	80	Single	0.016	-	-	-	84	71	160
FQB70N08	80	Single	0.017	-	-	-	75	70	155
FQB58N08	80	Single	0.024	-	-	-	50	57	146
FQB44N08	80	Single	0.034	-	-	-	38	44	127
FQB24N08	80	Single	0.06	-	-	-	19	24	75
FQB17N08L	80	Single	0.1	.115@5V	-	-	8.8	16.5	65
FQB17N08	80	Single	0.115	-	-	-	12	16.5	65
FQB9N08	80	Single	0.21	-	-	-	5.9	9.3	40
FQB9N08L	80	Single	0.21	.23@5V	-	-	4.7	9.3	40
HUF76645S3S	100	Single	0.014	0.015	-	-	127	75	310
HUFA76645S3S	100	Single	0.014	0.015	-	-	127	75	310
HUF75645S3S	100	Single	0.014	-	-	-	106	75	310
HUFA75645S3S	100	Single	0.014	-	-	-	106	75	310
FQB70N10	100	Single	0.025	-	-	-	85	57	160
HUF75639S3S	100	Single	0.025	-	-	-	57	56	200
HUFA75639S3S	100	Single	0.025	-	-	-	57	56	200
HUF76639S3S	100	Single	0.026	0.027	-	-	71	51	180
HUFA76639S3S	100	Single	0.026	0.027	-	-	71	51	180
FQB55N10	100	Single	0.026	-	-	-	75	55	155
HUF75637S3S	100	Single	0.03	-	-	-	48	44	155
HUFA75637S3S	100	Single	0.03	-	-	-	48	44	155
HUF76633S3S	100	Single	0.035	0.036	-	-	56	39	145
HUFA76633S3S	100	Single	0.035	0.036	-	-	56	39	145
RF1S40N10LESM	100	Single	-	0.04	-	-	145	40	150
FQB44N10	100	Single	0.039	-	-	-	48	43.5	146
HUF75631S3S	100	Single	0.04	-	-	-	35	33	120
HUFA75631S3S	100	Single	0.04	-	-	-	35	33	120
IRFW550A	100	Single	0.04	-	-	-	75	40	167
RF1S40N10SM	100	Single	0.04	-	-	-	115	40	160
FQB33N10	100	Single	0.052	-	-	-	38	33	127
IRFW540A	100	Single	0.052	-	-	-	60	28	107
FQB33N10L	100	Single	0.052	.055@5V	-	-	30	33	127
IRLW540A	100	Single	-	.058@5V	-	-	38.4	28	121
HUF75623S3S	100	Single	0.064	-	-	-	23	22	85
HUFA75623S3S	100	Single	0.064	-	-	-	23	22	85
RF1S22N10SM	100	Single	0.08	-	-	-	58	22	100
FQB19N10	100	Single	0.1	-	-	-	19	19	75
FQB19N10L	100	Single	0.1	.11@5V	-	-	14	19	75
IRFW530A	100	Single	0.11	-	-	-	27	14	55

Products	V _{DS} (V)	Configuration	R _{DS(ON)} Max. (Ohms) @ V _{GS} =				Q _g (nC) Typ @ V _{GS} = 5V (Note pg. 1)	Maximum Rating	
			10V	4.5V	2.5V	1.8V		I _D (A)	P _D (W)
TO-263 (D²PAK) N-Channel (cont.)									
IRLW530A	100	Single	-	.12@5V	-	-	16.9	14	62
FQB13N10	100	Single	0.18	-	-	-	12	12.8	65
FQB13N10L	100	Single	0.18	.2@5V	-	-	8.7	12.8	65
IRFW520A	100	Single	0.2	-	-	-	16	9.2	45
IRLW520A	100	Single	-	.22@5V	-	-	10.2	9.2	49
FQB7N10	100	Single	0.35	-	-	-	5.8	7.3	40
FQB7N10L	100	Single	0.35	.38@5V	-	-	4.6	7.3	40
IRFW510A	100	Single	0.4	-	-	-	8.5	5.6	33
IRLW510A	100	Single	-	.44@5V	-	-	5.5	5.6	37
FQB46N15	150	Single	0.042	-	-	-	85	45.6	210
HUFA75842S3S	150	Single	0.042	-	-	-	77	43	230
FDB2570	150	Single	0.08	-	-	-	40	22	93
FQB28N15	150	Single	0.09	-	-	-	40	28	168
FQB16N15	150	Single	0.16	-	-	-	23	16.4	108
FQB14N15	150	Single	0.21	-	-	-	18	14.4	104
FQB9N15	150	Single	0.4	-	-	-	10	9	75
FQB6N15	150	Single	0.6	-	-	-	6.5	6.4	63
FQB5N15	150	Single	0.8	-	-	-	5.4	5.4	54
HUF75945S3ST	200	Single	0.071	-	-	-	118	38	310
FQB34N20L	200	Single	0.075	.08@5V	-	-	55	31	180
FQB34N20	200	Single	0.075	-	-	-	60	31	180
IRFW650B	200	Single	0.085	-	-	-	95	28	156
HUF75939S3ST	200	Single	0.125	-	-	-	64	22	180
FDB2670	200	Single	0.13	-	-	-	27	19	93
FQB19N20L	200	Single	0.14	.15@5V	-	-	27	21	140
FQB19N20	200	Single	0.15	-	-	-	31	19.4	140
IRLW640A	200	Single	-	.18@5V	-	-	40	18	110
IRFW640A	200	Single	Use IRFW640B						
IRFW640B	200	Single	0.18	-	-	-	45	18	139
FQB12N20	200	Single	0.28	-	-	-	18	11.6	90
FQB12N20L	200	Single	0.28	.32@5V	-	-	16	11.6	90
FQB10N20L	200	Single	0.36	.38@5V	-	-	13	10	87
FQB10N20	200	Single	0.36	-	-	-	13.5	10	87
IRLW630A	200	Single	-	.4@5V	-	-	18.6	9	69
FQB630	200	Single	0.4	-	-	-	19	9	78
IRFW630A	200	Single	Use IRFW630B						
IRFW630B	200	Single	0.4	-	-	-	22	9	72
FQB7N20	200	Single	0.69	-	-	-	8	6.6	63
FQB7N20L	200	Single	0.75	.78@5V	-	-	6.8	6.5	63
IRLW620A	200	Single	-	.8@5V	-	-	10.3	5	39
IRFW620A	200	Single	Use IRFW620B						
IRFW620B	200	Single	0.8	-	-	-	12	5	47
FQB5N20L	200	Single	1.2	1.25@5V	-	-	4.8	4.5	52
FQB5N20	200	Single	1.2	-	-	-	6	4.5	52
FQB4N20L	200	Single	1.35	1.4@5V	-	-	4	3.8	45
FQB4N20	200	Single	1.4	-	-	-	5	3.6	45
IRLW610A	200	Single	-	1.5@5V	-	-	6.1	3.3	33
IRFW610A	200	Single	Use IRFW610B						
IRFW610B	200	Single	1.5	-	-	-	7.2	3.3	38
FQB27N25	250	Single	0.11	-	-	-	50	25.5	180
IRFW654B	250	Single	0.14	-	-	-	95	15	156
FQB16N25	250	Single	0.23	-	-	-	27	16	142
IRFW644A	250	Single	Use IRFW644B						
IRFW644B	250	Single	0.28	-	-	-	47	14	139
FQB9N25	250	Single	0.42	-	-	-	15.5	9.4	90

Products	V _{DS} (V)	Configuration	R _{DS(ON)} Max. (Ohms) @ V _{GS} =				Q _g (nC) Typ @ V _{GS} = 5V (Note pg. 1)	Maximum Rating	
			10V	4.5V	2.5V	1.8V		I _D (A)	P _D (W)
TO-263 (D²PAK) N-Channel (cont.)									
IRFW634A	250	Single	Use IRFW634B						
IRFW634B	250	Single	0.45	-	-	-	29	8.1	74
FQB8N25	250	Single	0.55	-	-	-	12	8	87
FQB6N25	250	Single	1	-	-	-	6.6	5.5	63
IRFW624A	250	Single	Use IRFW624B						
IRFW624B	250	Single	1.1	-	-	-	13.5	4.1	49
FQB4N25	250	Single	1.75	-	-	-	4.3	3.6	52
IRFW614A	250	Single	Use IRFW614B						
IRFW614B	250	Single	2	-	-	-	8.1	2.8	40
FQB3N25	250	Single	2.2	-	-	-	4	2.8	45
FQB14N30	300	Single	0.29	-	-	-	30	9.1	147
FQB9N30	300	Single	0.45	-	-	-	17	9	98
FQB7N30	300	Single	0.7	-	-	-	13	7	85
FQB5N30	300	Single	0.9	-	-	-	9.8	5.4	70
FQB3N30	300	Single	2.2	-	-	-	5.5	3.2	55
FQB2N30	300	Single	3.7	-	-	-	3.7	2.1	40
FQB11N40	400	Single	0.48	-	-	-	27	11.4	147
IRFW740A	400	Single	Use IRFW740B						
IRFW740B	400	Single	0.54	-	-	-	41	10	134
FQB7N40	400	Single	0.8	-	-	-	16.5	7	98
IRFW730A	400	Single	Use IRFW730B						
IRFW730B	400	Single	1	-	-	-	25	5.5	73
FQB6N40	400	Single	1.15	-	-	-	13	5.5	85
FQB5N40	400	Single	1.6	-	-	-	10	4.5	70
IRFW720	400	Single	Use IRFW720B						
IRFW720A	400	Single	Use IRFW720B						
IRFW720B	400	Single	1.75	-	-	-	14	3.3	46
FQB3N40	400	Single	3.4	-	-	-	6	2.5	55
IRFW710A	400	Single	Use IRFW710B						
IRFW710B	400	Single	3.4	-	-	-	7.7	2	36
FQB6N45	450	Single	1.1	-	-	-	16	6.2	98
FQB9N50	500	Single	0.73	-	-	-	28	9	147
IRFW840	500	Single	Use IRFW840B						
IRFW840A	500	Single	Use IRFW840B						
IRFW840B	500	Single	0.85	-	-	-	41	8	134
FQB6N50	500	Single	1.3	-	-	-	17	5.5	98
IRFW830	500	Single	Use IRFW830B						
IRFW830A	500	Single	Use IRFW830B						
IRFW830B	500	Single	1.5	-	-	-	27	4.5	73
FQB5N50	500	Single	1.8	-	-	-	13	4.5	85
IRFW820	500	Single	Use IRFW820B						
IRFW820A	500	Single	Use IRFW820B						
IRFW820B	500	Single	2.6	-	-	-	14	2.5	49
FQB4N50	500	Single	2.7	-	-	-	10	3.4	70
FQB2N50	500	Single	5.3	-	-	-	6	2.1	55
SSW1N50A	500	Single	Use SSW1N50B						
SSW1N50B	500	Single	5.5	-	-	-	8.3	1.5	36
FQB12N60	600	Single	0.7	-	-	-	42	10.5	180
SSW10N60B	600	Single	0.8	-	-	-	54	9	156
FQB7N60	600	Single	1	-	-	-	29	7.4	142
SSW7N60A	600	Single	Use SSW7N60B						
SSW7N60B	600	Single	1.2	-	-	-	38	7	147
FQB6N60	600	Single	1.5	-	-	-	20	6.2	130
FQB5N60	600	Single	2	-	-	-	16	5	120
FQB4N60	600	Single	2.2	-	-	-	15	4.4	106

Products	V _{DS} (V)	Configuration	R _{DS(ON)} Max. (Ohms) @ V _{GS} =				Q _g (nC) Typ @ V _{GS} = 5V (Note pg. 1)	Maximum Rating	
			10V	4.5V	2.5V	1.8V		I _D (A)	P _D (W)
TO-263 (D²PAK) N-Channel (cont.)									
SSW5N60A	600	Single	2.2				25	4.5	110
SSW4N60A	600	Single	Use SSW4N60B						
SSW4N60B	600	Single	2.5	-	-	-	22	4	100
FQB3N60	600	Single	3.6	-	-	-	10	3	75
FQB2N60	600	Single	4.7	-	-	-	9	2.4	64
SSW2N60A	600	Single	Use SSW2N60B						
SSW2N60B	600	Single	5	-	-	-	12.5	2	54
FQB1N60	600	Single	11.5	-	-	-	5	1.2	40
SSW1N60A	600	Single	Use SSW1N60B						
SSW1N60B	600	Single	12	-	-	-	5.9	1	34
FQB6N70	700	Single	1.5	-	-	-	30	6.2	142
SSW2N80A	800	Single	Use FQB2N80						
FQB7N80	800	Single	1.5	-	-	-	40	6.6	167
FQB6N80	800	Single	1.95	-	-	-	31	5.8	158
SSW5N80	800	Single	Use FQB5N80						
FQB5N80	800	Single	2.6	-	-	-	25	4.8	140
SSW4N80	800	Single	Use FQB4N80						
FQB4N80	800	Single	3.6	-	-	-	19	3.9	130
FQB3N80	800	Single	5	-	-	-	15	3	107
FQB2N80	800	Single	6.3	-	-	-	12	2.4	85
SSW5N80A	900	Single	Use FQB6N90						
FQB6N90	900	Single	1.9	-	-	-	40	5.8	167
FQB5N90	900	Single	2.3	-	-	-	31	5.4	158
FQB4N90	900	Single	3.1	-	-	-	24	4.2	140
SSW3N90A	900	Single	Use FQB3N90						
FQB3N90	900	Single	4.25	-	-	-	20	3.6	130
FQB2NA90	900	Single	5.8	-	-	-	15	2.8	107
FQB2N90	900	Single	7.2	-	-	-	12	2.2	85
RF1S4N100SM	1000	Single	3.5	-	-	-	55	4.3	150
TO-263 (D²PAK) P-Channel									
FQB3P50	-500	Single	4.9	-	-	-	18	2.7	85
FQB1P50	-500	Single	10.5	-	-	-	11	1.5	63
FQB4P40	-400	Single	3.1	-	-	-	18	3.5	85
FQB2P40	-400	Single	6.5	-	-	-	10	2	63
FQB9P25	-250	Single	0.62	-	-	-	29	9.4	120
SFW9644	-250	Single	0.8	-	-	-	45	8.6	123
FQB6P25	-250	Single	1.1	-	-	-	21	6	90
SFW9634	-250	Single	1.3	-	-	-	29	5	70
FQB4P25	-250	Single	2.1	-	-	-	10	4	75
SFW9624	-250	Single	2.4	-	-	-	16	2.7	38
FQB2P25	-250	Single	4	-	-	-	6.5	2.3	52
SFW9614	-250	Single	4	-	-	-	9	1.6	20
FQB12P20	-200	Single	0.47	-	-	-	31	11.5	120
RF1S9640SM	-200	Single	0.5	-	-	-	70	11	125
SFW9640	-200	Single	0.5	-	-	-	46	11	123
FQB7P20	-200	Single	0.69	-	-	-	19	7.3	90
SFW9630	-200	Single	0.8	-	-	-	29	6.5	70
RF1S9630SM	-200	Single	0.8	-	-	-	31	6.5	75
FQB5P20	-200	Single	1.4	-	-	-	10	4.8	75
SFW9620	-200	Single	1.5	-	-	-	15	3.5	38
FQB3P20	-200	Single	2.7	-	-	-	6	2.8	52
SFW9610	-200	Single	3	-	-	-	9	1.8	20
FQB22P10	-100	Single	0.125	-	-	-	40	22	125
FQB17P10	-100	Single	0.19	-	-	-	30	16.5	100
SFW9540	-100	Single	0.2	-	-	-	43	17	132

Products	V _{DS} (V)	Configuration	R _{DS(ON)} Max. (Ohms) @ V _{GS} =				Q _g (nC) Typ @ V _{GS} = 5V (Note pg. 1)	Maximum Rating	
			10V	4.5V	2.5V	1.8V		I _D (A)	P _D (W)
TO-263 (D²PAK) P-Channel (cont.)									
FQB12P10	-100	Single	0.29	-	-	-	21	11.5	75
SFW9530	-100	Single	0.3	-	-	-	30	10.5	66
FQB8P10	-100	Single	0.53	-	-	-	12	8	65
SFW9520	-100	Single	0.6	-	-	-	16	6	49
FQB5P10	-100	Single	1.05	-	-	-	6.3	4.5	40
SFW9510	-100	Single	1.2	-	-	-	9	3.6	32
FQB47P06	-60	Single	0.026	-	-	-	84	47	160
RF1S30P06SM	-60	Single	0.065	-	-	-	70	30	135
FQB27P06	-60	Single	0.07	-	-	-	33	27	120
FQB17P06	-60	Single	0.12	-	-	-	21	17	79
SFW9Z34	-60	Single	0.14	-	-	-	30	18	82
FQB11P06	-60	Single	0.175	-	-	-	13	11.4	53
SFW9Z24	-60	Single	0.28	-	-	-	15	9.7	49
SFW2955	-60	Single	0.3	-	-	-	15	9.4	49
FQB7P06	-60	Single	0.41	-	-	-	6.3	7	45
SFW9Z14	-60	Single	0.5	-	-	-	9	6.7	38
RF1S30P05SM	-50	Single	0.065	-	-	-	70	30	120
FDB6021P	-20	Single	-	0.03	0.04	0.065	20	28	37
NDB6020P	-20	Single	-	0.05	.075@2.7V	-	25	24	60
FDB4020P	-20	Single	-	0.08	0.11	-	-	16	37.5
TO-247 N-Channel									
HUF75345G3	55	Single	0.007	-	-	-	125	75	325
HUFA75345G3	55	Single	0.007	-	-	-	125	75	325
HUF75344G3	55	Single	0.008	-	-	-	90	75	285
HUFA75344G3	55	Single	0.008	-	-	-	90	75	285
HUF75343G3	55	Single	0.009	-	-	-	92	75	270
HUFA75343G3	55	Single	0.009	-	-	-	92	75	270
HUF75339G3	55	Single	0.012	-	-	-	60	75	200
HUFA75339G3	55	Single	0.012	-	-	-	60	75	200
HUFA75337G3	55	Single	0.014	-	-	-	51	75	175
HUFA75333G3	55	Single	0.016	-	-	-	40	66	145
HUFA75332G3	55	Single	0.019	-	-	-	40	60	145
HUFA75329G3	55	Single	0.026	-	-	-	35	49	128
HUF75652G3	100	Single	0.008	-	-	-	211	75	515
HUFA75652G3	100	Single	0.008	-	-	-	211	75	515
HUF75639G3	100	Single	0.025	-	-	-	57	56	200
HUFA75639G3	100	Single	0.025	-	-	-	57	56	200
IRFP140N	100	Single	0.04	-	-	-	35	33	120
IRFP150N	100	Single	0.04	-	-	-	75	43	155
IRFP150	100	Single	0.055	-	-	-	70	40	180
IRFP140	100	Single	0.077	-	-	-	38	27	180
HUF75852G3	150	Single	0.016	-	-	-	215	75	500
HUFA75852G3	150	Single	0.016	-	-	-	215	75	500
HUF75945G3	200	Single	0.071	-	-	-	118	38	310
IRFP250N	200	Single	0.075	-	-	-	114	30	214
IRFP250	200	Single	0.085	-	-	-	79	33	180
IRFP240	200	Single	0.18	-	-	-	43	20	150
FDH44N50	500	Single	0.12	-	-	-	-	44	625
IRFP460	500	Single	0.27	-	-	-	120	20	250
IRFP460A	500	Single	0.27	-	-	-	56	20	280
IRFP450	500	Single	0.4	-	-	-	82	14	180
IRFP450A	500	Single	0.4	-	-	-	33	14	190
IRFP440	500	Single	0.85	-	-	-	42	8.8	150

Products	V _{DS} (V)	Configuration	R _{DS(ON)} Max. (Ohms) @ V _{GS} =				Q _g (nC) Typ @ V _{GS} = 5V (Note pg. 1)	Maximum Rating	
			10V	4.5V	2.5V	1.8V		I _D (A)	P _D (W)
TO-247 P-Channel									
IRFP9240	-200	Single	0.5	-	-	-	38	12	150
IRFP9150	-100	Single	0.15	-	-	-	82	25	150
IRFP9140	-100	Single	0.2	-	-	-	37	19	125
TO-268 (D³PAK) N-Channel									
RF4E20N50S	500	Single	0.085	-	-	-	79	20	180
TO-3P N-Channel									
FQA170N06	60	Single	0.0056	-	-	-	220	170	375
FQA85N06	60	Single	0.01	-	-	-	86	100	214
FQA65N06	60	Single	0.016	-	-	-	48	72	183
FQA160N08	80	Single	0.007	-	-	-	220	160	375
FQA90N08	80	Single	0.016	-	-	-	84	90	214
FQA70N08	80	Single	0.017	-	-	-	75	77	190
FQA58N08	80	Single	0.024	-	-	-	50	64	180
FQA44N08	80	Single	0.034	-	-	-	38	49.8	163
FQA140N10	100	Single	0.01	-	-	-	220	140	375
SSH60N10	100	Single	Use SSH70N10A						
SSH70N10A	100	Single	0.023	-	-	-	151	70	300
FQA70N10	100	Single	0.025	-	-	-	85	70	214
FQA55N10	100	Single	0.026	-	-	-	75	61	190
FQA44N10	100	Single	0.039	-	-	-	48	48	180
IRFP150A	100	Single	0.04	-	-	-	75	43	193
FQA33N10	100	Single	0.052	-	-	-	38	36	163
IRFP140A	100	Single	0.052	-	-	-	60	31	131
FQA33N10L	100	Single	0.052	.055@5V	-	-	30	36	163
FQA90N15	150	Single	0.018	-	-	-	220	90	375
FQA70N15	150	Single	0.028	-	-	-	135	70	330
FQA46N15	150	Single	0.042	-	-	-	85	50	250
SFH154	150	Single	0.075	-	-	-	90	34	204
FQA28N15	150	Single	0.09	-	-	-	40	33	227
FQA65N20	200	Single	0.032	-	-	-	170	65	310
FQA48N20	200	Single	0.05	-	-	-	100	48	280
SSH40N20	200	Single	Use SSH45N20B						
SSH40N20A	200	Single	Use SSH45N20B						
SSH45N20B	200	Single	0.065	-	-	-	133	45	278
FQA34N20	200	Single	0.075	-	-	-	60	34	210
IRFP250	200	Single	Use IRFP250B						
IRFP250A	200	Single	Use IRFP250B						
IRFP250B	200	Single	0.085	-	-	-	95	32	204
FQA19N20	200	Single	0.15	-	-	-	31	23	190
IRFP240	200	Single	Use IRFP240B						
IRFP240A	200	Single	Use IRFP240B						
IRFP240B	200	Single	0.18	-	-	-	45	20	180
FQA34N20L	200	Single	0.075	.08@5V	-	-	55	34	210
FQA19N20L	200	Single	0.14	.15@5V	-	-	27	25	190
FQA55N25	250	Single	0.04	-	-	-	140	55	310
FQA40N25	250	Single	0.07	-	-	-	85	40	280
FQA34N25	250	Single	0.085	-	-	-	60	34	245
FQA27N25	250	Single	0.11	-	-	-	50	27	210
IRFP254	250	Single	Use IRFP254B						
IRFP254A	250	Single	Use IRFP254B						
IRFP254B	250	Single	0.14	-	-	-	95	25	221
FQA16N25	250	Single	0.23	-	-	-	27	18.5	190
IRFP244A	250	Single	Use IRFP244B						
IRFP244B	250	Single	0.28	-	-	-	47	16	180
FQA44N30	300	Single	0.069	-	-	-	120	43.5	310

Products	V _{DS} (V)	Configuration	R _{DS(ON)} Max. (Ohms) @ V _{GS} =				Q _g (nC) Typ @ V _{GS} = 5V (Note pg. 1)	Maximum Rating	
			10V	4.5V	2.5V	1.8V		I _D (A)	P _D (W)
TO-3P N-Channel (cont.)									
FQA38N30	300	Single	0.085	-	-	-	90	38.4	290
FQA26N30	300	Single	0.135	-	-	-	60	25.5	200
FQA22N30	300	Single	0.16	-	-	-	47	22	190
FQA14N30	300	Single	0.29	-	-	-	30	15	160
FQA35N40	400	Single	0.105	-	-	-	110	35	310
FQA30N40	400	Single	0.14	-	-	-	90	30	290
SSH25N40A	400	Single	Use SSH25N40A						
SSH25N40A	400	Single	0.2	-	-	-	140	25	278
FQA20N40	400	Single	0.22	-	-	-	60	19.5	200
FQA17N40	400	Single	0.27	-	-	-	45	17.2	190
IRFP350	400	Single	Use IRFP350A						
IRFP350A	400	Single	0.3	-	-	-	101	17	202
FQA11N40	400	Single	0.48	-	-	-	27	11.8	160
IRFP340	400	Single	Use IRFP340B						
IRFP340A	400	Single	Use IRFP340B						
IRFP340B	400	Single	0.54	-	-	-	41	11	162
FQA28N50	500	Single	0.16	-	-	-	110	28.4	310
FQA28N50F	500	Single	0.16	-	-	-	110	28.4	310
FQA24N50	500	Single	0.2	-	-	-	90	24	290
FQA24N50F	500	Single	0.2	-	-	-	90	24	290
SSH20N50	500	Single	Use SSH22N50A						
SSH22N50A	500	Single	0.25	-	-	-	182	22	278
FQA16N50	500	Single	0.32	-	-	-	17	16	200
IRFP450	500	Single	Use IRFP450B						
IRFP450A	500	Single	Use IRFP450B						
IRFP450B	500	Single	0.4	-	-	-	87	14	205
FQA13N50	500	Single	0.43	-	-	-	45	13.4	190
FQA9N50	500	Single	0.73	-	-	-	28	9.6	160
IRFP440	500	Single	Use IRFP440B						
IRFP440A	500	Single	Use IRFP440B						
IRFP440B	500	Single	0.85	-	-	-	41	8.5	162
FQA24N60	600	Single	0.24	-	-	-	110	23.5	310
FQA19N60	600	Single	0.38	-	-	-	70	18.5	300
FQA12N60	600	Single	0.7	-	-	-	42	12	240
SSH10N60A	600	Single	Use SSH10N60B						
SSH10N60B	600	Single	0.8	-	-	-	54	10	193
SSH7N60A	600	Single	Use SSH7N60B						
FQA7N60	600	Single	1	-	-	-	29	7.7	152
SSH7N60B	600	Single	1.2	-	-	-	38	7.3	160
FQA15N70	700	Single	0.56	-	-	-	70	15	300
FQA6N70	700	Single	1.5	-	-	-	30	6.4	152
SSH6N70A	700	Single	1.8	-	-	-	51	6	140
FQA13N80	800	Single	0.75	-	-	-	68	12.6	300
SSH10N70	800	Single	Use FQA10N80						
SSH10N80A	800	Single	Use FQA10N80						
FQA10N80	800	Single	1.05	-	-	-	55	9.8	240
SSH8N80A	800	Single	Use FQA8N80						
FQA8N80	800	Single	1.2	-	-	-	44	8.4	220
SSH7N80A	800	Single	Use FQA7N80						
FQA7N80	800	Single	1.5	-	-	-	40	7.2	198
SSH4N80	800	Single	Use FQA6N80						
SSH4N80A	800	Single	Use FQA6N80						
SSH4N80AS	800	Single	Use FQA6N80						
FQA6N80	800	Single	1.95	-	-	-	31	6.3	185
SSH10N90A	900	Single	Use FQA11N90						

Products	V _{DS} (V)	Configuration	R _{DS(ON)} Max. (Ohms) @ V _{GS} =				Q _g (nC) Typ @ V _{GS} = 5V (Note pg. 1)	Maximum Rating	
			10V	4.5V	2.5V	1.8V		I _D (A)	P _D (W)
TO-3P N-Channel (cont.)									
SSH10N90	900	Single	Use FQA11N90						
FQA11N90	900	Single	0.96	-	-	-	72	11.4	300
SSH8N90	900	Single	Use FQA9N90						
SSH8N90A	900	Single	Use FQA9N90						
FQA9N90	900	Single	1.3	-	-	-	55	8.6	240
SSH7N90	900	Single	Use FQA7N90						
SSH7N90A	900	Single	Use FQA7N90						
FQA7N90	900	Single	1.55	-	-	-	45	7.4	220
FQA7N90M	900	Single	1.8	-	-	-	40	7	210
SSH6N90A	900	Single	Use FQA6N90						
FQA6N90	900	Single	1.9	-	-	-	40	6.4	198
SSH4N90	900	Single	Use FQA5N90						
SSH4N90A	900	Single	Use FQA5N90						
SSH4N90AS	900	Single	Use FQA5N90						
FQA5N90	900	Single	2.3	-	-	-	31	5.8	185
TO-3P P-Channel									
FQA9P25	-250	Single	0.62	-	-	-	29	10.5	150
SFH9244	-250	Single	0.8	-	-	-	45	8.7	126
SFH9250L	-200	Single	-	.23@5V	-	-	90	19.5	204
FQA12P20	-200	Single	0.47	-	-	-	31	12.6	150
IRFP9240	-200	Single	Use SFH9240						
SFH9240	-200	Single	0.5	-	-	-	46	11	126
SFH9154	-150	Single	0.2	-	-	-	100	18	204
FQA22P10	-100	Single	0.125	-	-	-	40	24	150
FQA17P10	-100	Single	0.19	-	-	-	30	18	120
IRFP9140	-100	Single	Use SFH9140						
SFH9140	-100	Single	0.2	-	-	-	43	19	166
FQA47P06	-60	Single	0.026	-	-	-	84	55	214
TO-3PF N-Channel									
FQAF85N06	60	Single	0.01	-	-	-	86	67	100
FQAF65N06	60	Single	0.016	-	-	-	48	49	86
FQAF90N08	80	Single	0.016	-	-	-	84	56	100
FQAF70N08	80	Single	0.017	-	-	-	75	53	90
FQAF58N08	80	Single	0.024	-	-	-	50	44	85
FQAF44N08	80	Single	0.034	-	-	-	38	35.6	83
SSF70N10A	100	Single	0.023	-	-	-	151	44	120
FQAF70N10	100	Single	0.025	-	-	-	85	45	100
FQAF55N10	100	Single	0.026	-	-	-	75	41.9	90
FQAF44N10	100	Single	0.039	-	-	-	48	33	85
IRFS150	100	Single	Use IRFS150A						
IRFS150A	100	Single	0.04	-	-	-	75	31	100
FQAF33N10	100	Single	0.052	-	-	-	38	25.8	83
IRFS140A	100	Single	0.052	-	-	-	60	23	72
FQAF33N10L	100	Single	0.052	.055@5V	-	-	30	25.8	83
FQAF70N15	150	Single	0.028	-	-	-	135	44	130
FQAF46N15	150	Single	0.042	-	-	-	85	33.5	113
FQAF28N15	150	Single	0.09	-	-	-	40	22	102
FQAF48N20	200	Single	0.05	-	-	-	100	30	108
SSF45N20A	200	Single	Use SSF45N20B						
SSF45N20B	200	Single	0.065	-	-	-	133	26.4	100
FQAF34N20	200	Single	0.075	-	-	-	60	23	95
FQAF34N20L	200	Single	0.075	.08@5V	-	-	55	23	95
IRFS250	200	Single	Use IRFS250B						
IRFS250A	200	Single	Use IRFS250B						
IRFS250B	200	Single	0.085	-	-	-	95	21.3	90

Products	V _{DS} (V)	Configuration	R _{DS(ON)} Max. (Ohms) @ V _{GS} =				Q _g (nC) Typ @ V _{GS} = 5V (Note pg. 1)	Maximum Rating	
			10V	4.5V	2.5V	1.8V		I _D (A)	P _D (W)
TO-3PF N-Channel (cont.)									
FQAF19N20L	200	Single	0.14	.15@5V	-	-	27	16	85
FQAF19N20	200	Single	0.15	-	-	-	31	15	85
IRFS240	200	Single	Use IRFS240B						
IRFS240A	200	Single	Use IRFS240B						
IRFS240B	200	Single	0.18	-	-	-	45	12.8	73
FQAF40N25	250	Single	0.07	-	-	-	85	24	108
FQAF34N25	250	Single	0.085	-	-	-	60	21.7	100
FQAF27N25	250	Single	0.11	-	-	-	50	19	95
IRFS254A	250	Single	Use IRFS254B						
IRFS254B	250	Single	0.14	-	-	-	95	16	90
FQAF16N25	250	Single	0.23	-	-	-	27	12.4	85
IRFS244A	250	Single	Use IRFS244B						
IRFS244B	250	Single	0.28	-	-	-	47	10.2	73
FQAF26N30	300	Single	0.135	-	-	-	60	19	110
FQAF22N30	300	Single	0.16	-	-	-	47	16	100
FQAF14N30	300	Single	0.29	-	-	-	30	11.4	90
SSF25N40A	400	Single	0.2	-	-	-	140	14.3	100
FQAF20N40	400	Single	0.22	-	-	-	60	14	110
FQAF17N40	400	Single	0.27	-	-	-	45	12.2	100
IRFS350	400	Single	Use IRFS350A						
IRFS350A	400	Single	0.3	-	-	-	101	11.5	92
FQAF11N40	400	Single	0.48	-	-	-	27	8.8	90
IRFS340	400	Single	Use IRFS340B						
IRFS340A	400	Single	Use IRFS340B						
IRFS340B	400	Single	0.54	-	-	-	41	8	85
FQAF16N50	500	Single	0.32	-	-	-	17	11.3	110
IRFS450	500	Single	Use IRFS450B						
IRFS450A	500	Single	Use IRFS450B						
IRFS450B	500	Single	0.4	-	-	-	87	9.6	96
FQAF13N50	500	Single	0.43	-	-	-	45	9.6	100
FQAF9N50	500	Single	0.73	-	-	-	28	7.2	90
IRFS440	500	Single	Use IRFS440B						
IRFS440A	500	Single	Use IRFS440B						
IRFS440B	500	Single	0.85	-	-	-	41	6.2	85
FQAF19N60	600	Single	0.38	-	-	-	70	11.2	120
SSF17N60A	600	Single	0.45	-	-	-	128	9	100
FQAF12N60	600	Single	0.7	-	-	-	42	7.8	100
SSF10N60A	600	Single	Use SSF10N60B						
SSF10N60B	600	Single	0.8	-	-	-	54	6.9	90
FQAF7N60	600	Single	1	-	-	-	29	5.7	83
SSF7N60A	600	Single	Use SSF7N60B						
SSF7N60B	600	Single	1.2	-	-	-	38	5.4	86
FQAF15N70	700	Single	0.56	-	-	-	70	9.5	120
FQAF6N70	700	Single	1.5	-	-	-	30	4.7	83
SSF6N70A	700	Single	1.8	-	-	-	51	5	85
FQAF13N80	800	Single	0.75	-	-	-	68	8	120
SSF10N80A	800	Single	Use FQAF10N80						
FQAF10N80	800	Single	1.05	-	-	-	55	6.7	113
SSF8N80A	800	Single	Use FQAF8N80						
FQAF8N80	800	Single	1.2	-	-	-	44	5.9	107
FQAF7N80	800	Single	1.5	-	-	-	40	5	96
SSF6N80A	800	Single	Use FQAF6N80						
FQAF6N80	800	Single	1.95	-	-	-	31	4.4	90
SSF11N90	900	Single	Use FQAF10N80						
FQAF11N90	900	Single	0.96	-	-	-	72	7.2	120

Products	V _{DS} (V)	Configuration	R _{DS(ON)} Max. (Ohms) @ V _{GS} =				Q _g (nC) Typ @ V _{GS} = 5V (Note pg. 1)	Maximum Rating	
			10V	4.5V	2.5V	1.8V		I _D (A)	P _D (W)
TO-3PF N-Channel (cont.)									
SSF8N90A	900	Single	Use FQAF9N90						
FQAF9N90	900	Single	1.3	-	-	-	55	5.9	113
SSF7N90A	900	Single	Use FQAF7N90						
FQAF7N90	900	Single	1.55	-	-	-	45	5.2	107
FQAF6N90	900	Single	1.9	-	-	-	40	4.5	96
FQAF5N90	900	Single	2.3	-	-	-	31	4.1	90
TO-3PF P-Channel									
FQAF9P25	-250	Single	0.62	-	-	-	29	7.1	70
SFF9244	-250	Single	0.8	-	-	-	45	6	60
FQAF12P20	-200	Single	0.47	-	-	-	31	11.5	70
SFF9240	-200	Single	0.5	-	-	-	46	7.6	60
SFF9250L	-200	Single	-	.23@5V	-	-	90	12.6	90
FQAF22P10	-100	Single	0.125	-	-	-	40	16.6	70
FQAF17P10	-100	Single	0.19	-	-	-	30	12.4	56
SFF9140	-100	Single	0.2	-	-	-	43	13	80
FQAF47P06	-60	Single	0.026	-	-	-	84	38	100
TO-264 N-Channel									
FQL50N40	400	Single	0.075	-	-	-	160	50	460
FQL40N50	500	Single	0.11	-	-	-	155	40	460
FQL40N50F	500	Single	0.11	-	-	-	155	40	460

Special Function Products

Load Switches

Products	Config.	V _{IN} Max	V _{GS} Max	I _L (V _{DROP} =0.2V) @ V _{IN} =			R _{ON} Max V _{IN} =					
				12V	5V	2.5V	12V	4.5V	3.3V	2.5V	1.8V	
SC70-6 N-Channel												
FDC6323L		8	8	-	0.36	0.27	-	0.55	-	0.75	-	
FDC6324L		20	8	0.36	0.27	-	0.55	0.75	-	-	-	
FDC6331L Comp.	N	8	8	-	-	-	-	0.26	-	0.33	0.45	
	P	8	8	-	-	-	-	0.26	-	0.33	0.45	
SuperSOT-6 N-Channel												
FDC6323L	N	8	8	-	1	0.67	-	0.2	0.3	-	-	
FDC6324L	N	20	20	1	0.67	-	0.2	0.3	-	-	-	
FDC6325L	N	8	8	-	1.5	1	-	0.13	-	0.18	-	
FDC6326L	N	20	20	1.5	1	-	0.125	0.2	-	-	-	
FDC6329L	N	8	8	-	2.8	1.9	-	0.07	-	0.105	-	
FDC6330L	N	20	20	2.5	1.6	-	0.08	0.125	-	-	-	
FDC6331L Comp.	N	8	8	-	2.8	2.5	-	0.055	-	0.07	0.115	
	P	8	8	-	2.8	2.5	-	0.055	-	0.07	100	
SuperSOT-8 N-Channel												
FDR8321L	N	8	8	-	2.9	2	-	0.07	-	0.105	-	
FDR8521L	N	20	20	2.9	1.8	-	0.07	0.115	-	-	-	

MOSFET Schottky Diodes

Products	Polarity	V _{DS} (V)	I _D (A)	R _{DS(ON)} Max (mΩ) V _{GS} =			Q _G		Schottky Diode		P _D (W)
				10V	4.5V	2.5V	(nC)	V _{GS} (V)	V _F (V)	I _F (A)	
SO-8											
FDFS2P106A	P	-60	3	0.11	0.14	-	15	10	0.58	2	2
FDFS2P103	P	-30	5.3	0.059	0.092	-	5.3	5	0.57	1	2
FDFS2P102	P	-20	3.3	0.125	0.2	-	3.5	4.5	0.58	2	2
FDFS2P102A	P	-20	3.3	0.125	0.2	-	2.1	5	0.58	2	2
FDFS6N303	N	30	6	0.035	0.05	-	12	4.5	0.42	3	2
TSSOP-8											
FDW6923	P	-20	3.5	-	0.05	0.085	10	4.5	0.5	2	2

NOTES

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