

# TEXAS INSTRUMENTS Power Management ICs



Power Management

Texas Instruments

Products may be RoHS compliant. Check mouser.com for RoHS status.

## BATTERY CHARGE MANAGEMENT (CONT.)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Texas Instruments Part No.	Package	Lead Acid	Li-Ion	Li Polymer	NiCd	NiMH	No. of Series Cells	Integrated FET	Safety Charge Timer	Temperature Monitoring	Price Each			
												1	10	100	1000
595-BQ25071DQCT	BQ25071DQCT	WSON-10	No	No	No	No	No	1	No	No	Yes	2.29	2.05	1.65	.971
595-BQ25100AYFPT	BQ25100AYFPT	DSBGA-6	No	Yes	Yes	No	No	1	Yes	Yes	Yes	2.29	2.05	1.65	.971
595-BQ25100YFPT	BQ25100YFPT	DSBGA-6	No	Yes	Yes	No	No	1	Yes	Yes	Yes	2.29	2.05	1.65	.971
595-BQ25504RGTT	BQ25504RGTT	QFN-16	No	Yes	No	No	No	Multiple	No	No	Yes	5.84	5.24	4.30	2.75
595-BQ25570RGRT	BQ25570RGRT	VQFN-20	No	Yes	Yes	Yes	Yes	1	Yes	No	Yes	7.88	7.12	5.89	4.14
595-BQ27411DRZT-G1A	BQ27411DRZT-G1A	SON-12	No	Yes	No	No	No	1	No	No	Yes	3.01	2.71	2.22	1.42
595-BQ27532YZFT-G1	BQ27532YZFT-G1	DSBGA-15	No	Yes	No	No	No	1	No	No	No	3.56	3.20	2.62	1.68
595-BQ2954PNE4	BQ2954PNE4	PDIP-16	No	Yes	Yes	No	No	Multiple	No	Yes	Yes	5.00	4.49	3.68	2.36
595-BQ29700DSET	BQ29700DSET	WSON-6	No	Yes	Yes	No	No	1	Yes	No	No	.76	.639	.412	.33
595-BQ29703DSET	BQ29703DSET	WSON-6	No	Yes	Yes	No	No	1	No	No	No	.76	.639	.412	.33
595-BQ342100PW-G1	BQ342100PW-G1	TSSOP-14	Yes	Yes	Yes	Yes	Yes	Multiple	Yes	Yes	Yes	5.43	4.88	4.00	2.56
595-BQ40260RHBT	BQ40260RHBT	BQ40260RHBT	No	Yes	Yes	No	No	Multiple	Yes	Yes	Yes	7.41	6.69	5.54	3.89
595-BQ51025YFPT	BQ51025YFPT	DSBGA-42	No	No	No	No	No	-	No	No	No	8.62	7.79	6.44	4.52
595-BQ7693001DBT	BQ7693001DBT	TSSOP-30	No	Yes	Yes	No	No	4	Yes	No	No	10.15	9.17	7.59	5.33
595-BQ7694000DBT	BQ7694000DBT	TSSOP-44	No	Yes	Yes	No	No	4	Yes	No	Yes	10.15	9.17	7.59	5.33
595-BQ7694001DBT	BQ7694001DBT	TSSOP-44	No	Yes	Yes	No	No	4	Yes	No	Yes	10.15	9.17	7.59	5.33
595-BQ7694002DBT	BQ7694002DBT	TSSOP-44	No	Yes	Yes	No	No	4	Yes	No	Yes	10.15	9.17	7.59	5.33
595-BQ7694003DBT	BQ7694003DBT	TSSOP-44	No	Yes	Yes	No	No	4	Yes	No	Yes	10.15	9.17	7.59	5.33
595-BQ771612DPJT	BQ771612DPJT	WSON-8	No	Yes	No	No	No	Multiple	No	No	No	1.55	1.39	1.12	.66
595-BQ771807DPJT	BQ771807DPJT	WSON-8	No	Yes	No	No	No	Multiple	No	No	No	2.10	1.89	1.52	.894
595-BQ771815DPJT	BQ771815DPJT	WSON-8	No	Yes	Yes	No	No	4	No	No	No	1.97	1.68	1.35	.97
595-UC2906DW	UC2906DW	SOIC-16	Yes	No	No	No	No	-	No	No	No	7.07	6.38	5.28	3.71
595-UC2906N	UC2906N	PDIP-16	Yes	No	No	No	No	-	No	No	No	6.55	5.89	4.82	3.09
595-UC3906DW	UC3906DW	SOIC-16	Yes	No	No	No	No	Multiple	No	No	No	7.07	6.38	5.28	3.71
595-UC3906N	UC3906N	PDIP-16	Yes	No	No	No	No	Multiple	No	No	No	6.55	5.89	4.82	3.09

## LITHIUM ION PROTECTION

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Texas Instruments Part No.	Package	Li-Ion	Li-Polymer	Cells Protected (Max.)	Protection FETs	Shutdown Current (µA)	Over Current Delay	Over Current Protection	Serial Bus	Price Each			
											1	10	100	1000
595-BQ294602DRVT	BQ294602DRVT	SON-6	Yes	No	1	External	1	No	Yes	No	.62	.548	.42	.208
595-BQ76925RGET	BQ76925RGET	QFN-24	Yes	Yes	36	External	1.5	No	No	Yes	2.74	2.46	2.01	1.29

## ISOLATED DC-DC CONVERTERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Texas Instruments Part No.	Package	V <sub>in</sub> (V)		I <sub>out</sub> (A) (Max.)	P <sub>o</sub> (W)	48V Bus	24V Bus	Excalibur	V <sub>o</sub> Adjustable	Price Each			
			Min.	Max.							1	10	100	1000
<b>1W &amp; 2W Miniature</b>														
595-DCH010505DN7	DCH010505DN7	SIP Module-5	4.5	5.5	0.1	-	No	No	No	No	7.03	6.82	6.22	5.02
595-DCH010505SN7	DCH010505SN7	SIP Module-4	4.5	5.5	0.2	-	No	No	No	No	7.03	6.82	6.22	5.02
595-DCH010512DN7	DCH010512DN7	SIP Module-5	4.5	5.5	0.042	-	No	No	No	No	7.03	6.82	6.22	5.02
595-DCH010512SN7	DCH010512SN7	SIP Module-4	4.5	5.5	0.083	-	No	No	No	No	7.03	6.82	6.22	5.02
595-DCH010515DN7	DCH010515DN7	SIP Module-5	4.5	5.5	0.033	-	No	No	No	No	7.03	6.82	6.22	5.02
595-DCH010515SN7	DCH010515SN7	SIP Module-4	4.5	5.5	0.067	-	No	No	No	No	7.03	6.82	6.22	5.02
595-DCP010505BP-U	DCP010505BP-U	SOP-14	4.5	5.5	0.2	-	No	No	No	No	9.12	8.98	7.74	6.91
595-DCP020515DU	DCP020515DU	SO-28	4.5	5.5	0.066	-	No	No	No	No	9.87	9.72	8.37	7.47
595-DCP020505U	DCP020505U	SO-28	4.5	5.5	0.4	-	No	No	No	No	9.87	9.72	8.37	7.47
595-DCR010505U	DCR010505U	SO-28	4.5	5.5	0.2	-	No	No	No	No	10.21	10.05	8.66	7.73
595-DCR010505U/1K	DCR010505U/1K	SO-28	4.5	5.5	0.2	-	No	No	No	No	10.21	10.05	8.66	7.73
<b>Single Output</b>														
595-SN6501DBVT	SN6501DBVT	SOT-23	3	5.5	0.35	-	No	No	No	No	2.33	2.09	1.68	.99
<b>Charge Pumps</b>														
926-LM2660MX/NOPB	LM2660MX/NOPB	SOIC-8	1.5	5.5	0.5	0.735	No	No	No	No	1.48	1.32	1.03	.563
926-LM2660MM/NOPB	LM2660MM/NOPB	MSOP-8	1.5	5.5	0.5	0.735	No	No	No	No	1.48	1.32	1.03	.563
926-LM2660M/NOPB	LM2660M/NOPB	SOIC-8	1.5	5.5	0.5	0.735	No	No	No	No	1.59	1.43	1.15	.675
926-LM2662M/NOPB	LM2662M/NOPB	SOIC-8	1.5	5.5	0.8	0.735	No	No	No	No	2.38	2.14	1.72	1.01
926-LM2663M/NOPB	LM2663M/NOPB	SOIC-8	1.5	5.5	0.8	0.735	No	No	No	No	2.38	2.14	1.72	1.01
926-LM2828M5/NOPB	LM2828M5/NOPB	SOT-23-5	1.8	5.5	0.075	0.240	No	No	No	No	.87	.75	.576	.402
926-LM2664M6/NOPB	LM2664M6/NOPB	SOT-23-6	1.8	5.8	0.5	0.600	No	No	No	No	.91	.802	.615	.304
926-LM2665M6/NOPB	LM2665M6/NOPB	SOT-23-6	1.8	5.8	1.25	0.600	No	No	No	No	.91	.802	.615	.304
926-LM2767M5/NOPB	LM2767M5/NOPB	SOT-23-5	1.8	5.8	0.09	0.400	No	No	No	No	.86	.716	.462	.37
926-LMC7660IM/NOPB	LMC7660IM/NOPB	SOIC-8	3	10	0.2	1.4	No	No	No	No	1.10	.943	.725	.506
926-LMC7660IMX/NOPB	LMC7660IMX/NOPB	SOIC-8	3	10	0.4	0.6	No	No	No	No	.92	.787	.604	.422
926-LMC7660IN/NOPB	LMC7660IN/NOPB	DIP-8	3	10	0.2	1.4	No	No	No	No	.92	.787	.604	.422
926-MAX660M/NOPB	MAX660M/NOPB	SOIC-8	3.5	5.5	0.5	0.735	No	No	No	No	1.56	1.32	1.06	.767
926-MAX660MX/NOPB	MAX660MX/NOPB	SOIC-8	3.5	5.5	0.5	0.735	No	No	No	No	1.45	1.23	.95	.663
926-LM2767M5X/NOPB	LM2767M5X/NOPB	SOT-23-5	3.6	11	0.9	0.400	No	No	No	No	.86	.716	.462	.37

## NON-ISOLATED POL

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Texas Instruments Part No.	Package	V <sub>in</sub> (V)		V <sub>out</sub> (V)		I <sub>out</sub> (A) (Max.)	Topology	3.3V Bus	5V Bus	12V Bus	24V Bus	Price Each			
			Min.	Max.	Min.	Max.							1	10	100	1000
<b>96% Efficient</b>																
595-PTH04T220WAD	PTH04T220WAD	DIP Module-11	2.2	5.5	0.69	3.6	16	Buck	Yes	Yes	No	No	21.28	20.95	18.01	16.37
595-PTH04T220WAZ	PTH04T220WAZ	DIP Module-11	2.2	5.5	0.69	3.6	16	Buck	Yes	Yes	No	No	21.28	20.95	18.01	16.37
595-PTH04T230WAZ	PTH04T230WAZ	DIP Module-10	2.2	5.5	0.69	3.6	6	Buck	Yes	Yes	No	No	13.55	13.34	11.49	10.26
595-PTH05020WAH	PTH05020WAH	DIP Module-10	4.5	5.5	0.8	3.6	22	Buck	No	Yes	No	No	27.86	27.44	23.58	21.44
595-PTH05050WAH	PTH05050WAH	DIP Module-6	4.5	5.5	0.8	3.6	6	Buck	No	Yes	No	No	13.02	12.82	11.04	9.86
595-PTH05060WAH	PTH05060WAH	DIP Module-10	4.5	5.5	0.8	3.6	10	Buck	No	Yes	No	No	18.21	17.93	15.41	14.01
595-PTN78020WAH	PTN78020WAH	DIP Module-7	7	36	2.5	12.6	6	Buck	No	No	Yes	Yes	26.00	25.61	22.01	20.01
595-PTN78060WAH	PTN78060WAH	DIP Module-7	7	36	2.5	12.6	3	Buck	No	No	Yes	Yes	20.43	20.12	17.29	15.72
595-PTN78020HAH	PTN78020HAH	DIP Module-7	15	36	11.85	22	6	Buck	No	No	No	Yes	26.00	25.61	22.01	20.01
595-PTN78060HAH	PTN78060HAH	DIP Module-7	15	36	11.85	22	3	Buck	No	No	No	Yes	25.54	25.16	21.62	19.65
<b>95% Efficient</b>																
595-PTH03010WAH	PTH03010WAH	DIP Module-10	2.95	3.65	0.8	2.5	15	Buck	Yes	No	No	No	21.55	21.22	18.24	16.58
595-PTH03000WAH	PTH03000WAH	DIP Module-5	3	3.6	0.9	2.5	6	Buck	Yes	No	No	No	11.83	11.65	10.04	8.96
595-PTH03000WAZ	PTH03000WAZ	DIP Module-5	3	3.6	0.9	2.5	6	Buck	Yes	No	No	No	11.83	11.65	10.04	8.96
595-PTH05T210WAD	PTH05T210WAD	DIP Module-14	4.5	5.5	0.7	3.6	30	Buck	No	Yes	No	No	41.17	40.53	34.74	32.16
595-PTV05010WAH	PTV05010WAH	SIP Module-8	4.5	5.5	0.8	3.6	8	Buck	No	Yes	No	No	16.28	16.03	13.81	12.33
595-PTH08T220WAD	PTH08T220WAD	DIP Module-11	4.5	14	0.7	5.5	16	Buck	No	Yes	Yes	No	23.41	22.33	19.81	19.45
595-PTH08T220WAH	PTH08T220WAH	DIP Module-11	4.5	14	0.7	5.5	16	Buck	No	Yes	Yes	No	23.41	22.33	19.81	19.45
595-PTH08T220WAZ	PTH08T220WAZ	DIP Module-11	4.5	14	0.7	5.5	16	Buck	No	Yes	Yes	No	23.41	22.33	19.81	19.45
595-PTH08T221WAD	PTH08T221WAD	DIP Module-11	4.5	14	0.7	5.5	16	Buck	No	Yes	Yes	No	21.28	20.30	18.01	17.68
595-PTH08T230WAD	PTH08T230WAD	DIP Module-10	4.5	14	0.7	5.5	6	Buck	No	Yes	Yes	No	13.55	13.14	11.49	11.29
595-PTH08T240WAD	PTH08T240WAD	DIP Module-11	4.5	14	0.7	5.5	10	Buck	No	Yes	Yes	No	20.06	19.14	16.98	16.67
595-PTH08T240WAH	PTH08T240WAH	DIP Module-11	4.5	14	0.7	5.5	10	Buck	No	Yes	Yes	No	20.06	19.14	16.98	16.67
595-PTH08T240WAZ	PTH08T240WAZ	DIP Module-11	4.5	14	0.7	5.5	10	Buck	No	Yes	Yes	No				