

# MAXIM INTEGRATED Power Management ICs



Maxim Integrated Power Management

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## MONITORED VOLTAGE SUPERVISORS (CONT.)

MOUSER STOCK NO.	Maxim Integrated Part No.	Package	Reset Threshold (V)	Reset Out	t <sub>RESET</sub> (Min.) (ms)	Watchdog Feature	Price Each		
							1	25	100
							For quantities greater than listed, call for quote.		
◆ 700-DS1706SESA	DS1706SESA+	SOIC-8	2.5 to 3.3	Active Low/Push-Pull	85 - 300	WDI/WDO	10.54	8.09	5.40
◆ 700-DS1706TESA	DS1706TESA+	SOIC-8	2.5 to 3.3	Active Low/Push-Pull	85 - 300	WDI/WDO	9.09	6.98	4.66
◆ 700-MAX706RCSA	MAX706RCSA+	SOIC-8	2.5 to 3.3	Active Low/Push-Pull	85 - 300	WDI/WDO	6.99	4.84	3.58
◆ 700-MAX706RESA	MAX706RESA+	SOIC-8	2.5 to 3.3	Active Low/Push-Pull	85 - 300	WDI/WDO	12.26	8.49	5.66
◆ 700-MAX706SCSA	MAX706SCSA+	SOIC-8	2.5 to 3.3	Active Low/Push-Pull	85 - 300	WDI/WDO	7.90	5.48	4.05
◆ 700-MAX706SESA	MAX706SESA+	SOIC-8	2.5 to 3.3	Active Low/Push-Pull	85 - 300	WDI/WDO	10.54	8.09	5.40
◆ 700-MAX706TCSA	MAX706TCSA+	SOIC-8	2.5 to 3.3	Active Low/Push-Pull	85 - 300	WDI/WDO	8.47	5.87	4.34
◆ 700-MAX706TCUA	MAX706TCUA+	µMAX-8	2.5 to 3.3	Active Low/Push-Pull	85 - 300	WDI/WDO	7.56	4.73	3.87
◆ 700-MAX706TESA	MAX706TESA+	SOIC-8	2.5 to 3.3	Active Low/Push-Pull	85 - 300	WDI/WDO	9.09	6.30	4.66
◆ 700-MAX706TEUA	MAX706TEUA+	µMAX-8	2.5 to 3.3	Active Low/Push-Pull	85 - 300	WDI/WDO	8.60	6.60	4.41
◆ 700-MAX705ESA	MAX705ESA+	SOIC-8	3.3 to 5.5	Active Low/Push-Pull	85 to 300	WDI/WDO	9.48	7.28	4.86
◆ 700-MAX706CPA	MAX706CPA+	PDIP-8	3.3 to 5.5	Active Low/Push-Pull	85 to 300	WDI/WDO	4.02	3.09	2.06
◆ 700-MAX706CSA	MAX706CSA+	SOIC-8	3.3 to 5.5	Active Low/Push-Pull	85 to 300	WDI/WDO	4.02	3.09	2.06
◆ 700-MAX706ESA	MAX706ESA+	SOIC-8	3.3 to 5.5	Active Low/Push-Pull	85 to 300	WDI/WDO	4.02	3.09	2.06
◆ 700-MAX699CWE	MAX699CWE+	SOIC-16W	3.3 to 5.5	Active High/Active Low/Open Drain/Push-Pull	85 to 300	WDI/WDO	7.60	5.26	3.51
◆ 700-MAX705EPA	MAX705EPA+	PDIP-8	3.3 to 5.5	Active Low/Push-Pull	85 to 300	WDI/WDO	7.24	5.57	3.71
◆ 700-MAX705EUA	MAX705EUA+	µMAX-8	3.3 to 5.5	Active Low/Push-Pull	85 to 300	WDI/WDO	8.83	6.11	4.07
◆ 700-MAX16062ATG	MAX16062ATG+	TNQN-24	0 to 5.5	Active Low/Open Drain/with Internal Pull-Up	adj.	WDI/WDO/None	15.08	10.44	6.96
Development Tools							Description		
◆ 700-MAX6496EVKIT	MAX6496EVKIT+	Evaluation kit for MAX6496					Price Each		
							1	25	100
							140.49		

## SUPERVISORY CIRCUITS

MOUSER STOCK NO.	Maxim Integrated Part No.	Package	No. of Channels	Supply Current (Typ) (mA)	Supply Voltage		DNL (±LSB)	INL (±LSB)	Operating Temp.	Price Each		
					Max. (V)	Min. (V)				1	25	100
					For quantities greater than listed, call for quote.							
◆ 700-MAX6747KA23+	MAX6747KA23+	SOT-23-8	1	0.05	5.5	1	-	-	-40 to 125	15.89	14.45	10.84
◆ 700-MAX14670EWL+	MAX14670EWL+	WLP-15	1	0.1	28	3	-	-	-40 to 85	1.88	1.78	1.35
◆ 700-MAX14671EWL+	MAX14671EWL+	WLP-15	1	0.1	28	3	-	-	-40 to 85	2.18	2.06	1.57
◆ 700-MAX14672ETB+	MAX14672ETB+	TDFN-10	1	0.1	28	3	-	-	-40 to 85	2.18	2.06	1.57
◆ 700-MAX16129UAGA+	MAX16129UAGA+	µMAX-8	1	26	30	3	-	-	-40 to 125	3.24	2.16	1.56
◆ 700-MAX6738XKRD3+T	MAX6738XKRD3+T	SC-70-5	2	0.01	5.5	1.2	-	-	-40 to 85	3.11	2.34	2.05
◆ 700-MAX34451ETN+	MAX34451ETN+	TQFN-56	16	12	3.6	3	1	1	-40 to 85	14.91	9.94	7.20

## SMART SLAVE IC

MOUSER STOCK NO.	Maxim Integrated Part No.	Package	No. of Outputs	Input Voltage (V)		Output Current (A)	Switching Frequency (MHz)	Topology	Operating Temp. (°C)	Price Each		
				Min.	Max.					1	25	100
				For quantities greater than listed, call for quote.								
◆ 700-VT1697SBFQ	VT1697SBFQ	QFN-16	1	8.5	14	55	1.3	Buck_Boost	-40 to 125	11.20	8.58	5.72

## SIGNAL LINE PROTECTORS

MOUSER STOCK NO.	Maxim Integrated Part No.	Package	Functions	Signal Path Leakage	ΔR <sub>on</sub>	Features	Supply Voltage (V)	R <sub>on</sub> (W)	Fault Protection (±V)	Price Each		
										1	25	100
										For quantities greater than listed, call for quote.		
◆ 700-MAX4506ESA	MAX4506ESA+	SOICN-8	3-line	20	10	Auto Protection	9-36	100	40	3.10	2.74	2.65

## CHARGE PUMPS

MOUSER STOCK NO.	Maxim Integrated Part No.	Package	V <sub>IN</sub> (V)		Unadj. V <sub>OUT</sub> (V)	Adj. V <sub>OUT</sub> (Min./Max.) (V)	I <sub>OUT</sub> (Typ.) (A)	ICC (Max.) (mA)	Operating Freq. (kHz)	Price Each		
			Min.	Max.						1	25	100
			For quantities greater than listed, call for quote.									
◆ 700-MAX660CPA	MAX660CPA+	PDIP-8	1.2	5.5	2xVIN/-VIN	-	0.1	0.5	80	7.08	5.23	3.78
◆ 700-MAX660ESA	MAX660ESA+	SOIC-8	1.2	5.5	2xVIN/-VIN	-	0.1	0.5	80	9.67	7.13	5.17
◆ 700-MAX870EUKT	MAX870EUK+T	SOT-5	1.4	5.5	-VIN	-	0.025	1	125	5.14	3.87	3.39
◆ 700-MAX828EUKT	MAX828EUK+T	SOT-5	1.5	5.5	-VIN	-	0.025	0.09	12	5.14	3.87	3.39
◆ 700-MAX829EUKT	MAX829EUK+T	SOT-5	1.5	5.5	-VIN	-	0.025	0.26	35	5.14	3.87	3.39
◆ 700-MAX860ESA	MAX860ESA+	SOIC-8	1.5	5.5	2xVIN/-VIN	-	0.05	0.3	130	2.89	1.93	1.54
◆ 700-MAX860ISA	MAX860ISA+	SOIC-8	1.5	5.5	2xVIN/-VIN	-	0.05	0.3	130	3.81	2.82	2.03
◆ 700-MAX860IUA	MAX860IUA+	µMAX-8	1.5	5.5	2xVIN/-VIN	-	0.05	0.3	130	5.79	2.06	1.49
◆ 700-MAX861ESA	MAX861ESA+	SOIC-8	1.5	5.5	2xVIN/-VIN	-	0.05	0.4	250	3.32	3.94	2.84
◆ 700-MAX861ISA	MAX861ISA+	SOIC-8	1.5	5.5	2xVIN/-VIN	-	0.05	0.4	250	2.68	1.79	1.43
◆ 700-ICL7660CPA	ICL7660CPA+	PDIP-8	1.5	10	2xVIN/-VIN	-	0.02	0.175	10	2.65	1.96	1.42
◆ 700-ICL7660CSA	ICL7660CSA+	SOIC-8	1.5	10	2xVIN/-VIN	-	0.02	0.175	10	2.92	2.16	1.56
◆ 700-ICL7660EPA	ICL7660EPA+	PDIP-8	1.5	10	2xVIN/-VIN	-	0.02	0.175	10	4.51	3.34	2.41
◆ 700-ICL7660ESA	ICL7660ESA+	SOIC-8	1.5	10	2xVIN/-VIN	-	0.02	0.175	10	4.19	3.10	2.23
◆ 700-MAX1044CPA	MAX1044CPA+	PDIP-8	1.5	10	+2xVIN/-VIN	-	0.02	0.2	20	2.73	2.02	1.46
◆ 700-MAX1044CSA	MAX1044CSA+	SOIC-8	1.5	10	+2xVIN/-VIN	-	0.02	0.2	20	3.33	2.46	1.77
◆ 700-MAX1044ESA	MAX1044ESA+	SOIC-8	1.5	10	+2xVIN/-VIN	-	0.02	0.2	20	4.59	3.06	2.20
◆ 700-MAX864EEE	MAX864EEE+	QSOP-16	1.75	6	±2xVIN	-	0.035	1	185	3.57	2.64	1.90
◆ 700-MAX865EUA	MAX865EUA+	µMAX-8	1.75	6	±2xVIN	-	0.018	1.05	24	3.08	2.28	1.64
◆ 700-MAX1595EUA33	MAX1595EUA33+	µMAX-8	1.8	5.5	3.3/5	-	0.125	0.22	1000	4.05	2.70	1.94
◆ 700-MAX1595EUA50	MAX1595EUA50+	µMAX-8	1.8	5.5	3.3/5	-	0.125	0.22	1000	3.65	2.70	1.94
◆ 700-MAX868EUB	MAX868EUB+	µMAX-10	1.8	5.5	2xVIN	2xVIN/0	0.03	0.18	450	3.33	2.46	1.77
◆ 700-MAX619CPA	MAX619CPA+	PDIP-8	2	3.6	5	-	0.05	0.17	500	4.23	2.82	2.03
◆ 700-MAX1673ESA	MAX1673ESA+	SOIC-8	2	5.5	-VIN	-VIN/0	0.125	16	350	4.65	3.44	2.48
◆ 700-MAX1680ESA	MAX1680ESA+	SOIC-8	2	5.5	+2xVIN/-VIN	-	0.125	4.5	250	5.43	4.02	2.90
◆ 700-MAX680CPA	MAX680CPA+	PDIP-8	2	6	+2xVIN/-2xVIN	-	0.01	2	8	4.57	3.38	2.44
◆ 700-MAX680CSA	MAX680CSA+	SOIC-8	2	6	+2xVIN/-2xVIN	-	0.01	2	8	5.00	3.70	2.67
◆ 700-MAX680EPA	MAX680EPA+	PDIP-8	2	6	+2xVIN/-2xVIN	-	0.01	2	8	6.96	4.64	3.36
◆ 700-MAX680ESA	MAX680ESA+	SOIC-8	2	6	+2xVIN/-2xVIN	-	0.01	2	8	6.96	5.11	3.70
◆ 700-MAX881REUB	MAX881REUB+	µMAX-10	2.5	5.5	-VIN - 0.6	-VIN-0.6/-0.5	0.01	0.95	100	4.41	3.26	2.35
◆ 700-MAX840ISA	MAX840ISA+	SOIC-8	2.5	10	-VIN-0.6	-0.5	0.01	1.3	100	4.62	3.08	2.23
◆ 700-MAX1730EUB	MAX1730EUB+	µMAX-10	2.7	5.5	1.8/1.9	-	0.05	0.15	2000	3.84	2.56	1.84
◆ 700-MAX682ESA	MAX682ESA+	SOIC-8	2.7	5.5	-2xVIN	-	0.25	0.18	1000	5.89	4.36	3.15
◆ 700-MAX889RESA	MAX889RESA+	SOIC-8	2.7	5.5	-VIN	-VIN/-2.5	0.2	7	500	5.11	3.78	2.73
◆ 700-MAX889SESA	MAX889SESA+	SOIC-8	2.7	5.5	-VIN	-VIN/-2.5	0.2	12	1000	5.11	3.78	2.73
◆ 700-MAX889TESA	MAX889TESA+	SOIC-8	2.7	5.5	-VIN	-VIN/-2.5	0.2	22	2000	5.11	3.78	2.73
◆ 700-MAX1681ESA	MAX1681ESA+	SOIC-8	3	5.5	2xVIN/-VIN	-	0.125	17	1000	5.43	4.02	2.90
◆ 700-MAX662ACPA	MAX662ACPA+	PDIP-8	4.5	5.5	12	-	0.02	0.6	10	5.43	3.62	2.62
◆ 700-MAX662ACSA	MAX662ACSA+	SOIC-8	4.5	5.5	12	-	0.02	0.6	10	5.00	3.70	2.67
◆ 700-MAX662AESA	MAX662AESA+	SOIC-8	4.5	5.5	12	-	0.02	0.6	10	6.92	5.11	3.70
◆ 700-MAX850ESA	MAX850ESA+	SOIC-8	4.5	10	-4.1	-VIN-0.6/-0.5	0.005	3	100	5.67	3.78	2.74
◆ 700-ICL7662CBA	ICL7662CBA+	SOIC-8	4.5	20	2xVIN/-VIN	-	0.02	0.6	10	2.72	2.41	2.33
◆ 700-ICL7662CBD	ICL7662CBD+	SOIC-14	4.5	20	2xVIN/-VIN	-	0.02	0.6	10	2.72	2.41	2.33
◆ 700-ICL7662CPA	ICL7662CPA+	PDIP-8	4.5	20	2xVIN/-VIN	-	0.02	0.6	10	3.54	3.14	3.03
◆ 700-ICL7662EBA	ICL7662EBA+	SOIC-8	4.5	20	2xVIN/-VIN	-	0.02	0.6	10	3.34	2.95	2.85
◆ 700-ICL7662EBD	ICL7662EBD+	SOIC-14	4.5	20	2xVIN/-VIN	-	0.02	0.6	10	3.34	2.95	2.85
◆ 700-ICL7662EPA	ICL7662EPA+	PDIP-8	4.5	20	2xVIN/-VIN	-	0.02	0.6	10	4.33	3.84	3.71
◆ 700-SI7661CSA	SI7661CSA+	SOIC-8	4.5	20	-VIN	-2.5	0.02	0.6	10	2.20	1.95	1.88