

# MAXIM INTEGRATED Power Management ICs



RoHS Compliant This product is RoHS compliant.

## MONITORED VOLTAGE SUPERVISORS (CONT.)

Surface Mount Device  
For quantities greater than listed, call for quote.

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	
◆ 700-MAX705ESA	MAX705ESA+	SOIC-8	3.3 to 5.5	Active Low/Push-Pull	85 to 300	WDI/WDO	7.80	3.96	3.64	
◆ 700-MAX706CPA	MAX706CPA+	PDIP-8	3.3 to 5.5	Active Low/Push-Pull	85 to 300	WDI/WDO	6.00	3.04	2.80	
◆ 700-MAX706CSA	MAX706CSA+	SOIC-8	3.3 to 5.5	Active Low/Push-Pull	85 to 300	WDI/WDO	6.00	3.04	2.80	
◆ 700-MAX706ESA	MAX706ESA+	SOIC-8	3.3 to 5.5	Active Low/Push-Pull	85 to 300	WDI/WDO	7.80	3.96	3.64	
◆ 700-MAX699CWE	MAX699CWE+	SOIC-16W	3.3 to 5.5	Active High/Active Low/Open Drain/Push-Pull	85 to 300	WDI/WDO	6.15	4.10	2.97	
◆ 700-MAX705EPA	MAX705EPA+	PDIP-8	3.3 to 5.5	Active Low/Push-Pull	85 to 300	WDI/WDO	7.80	3.96	3.64	
◆ 700-MAX705EUA	MAX705EUA+	μMAX-8	3.3 to 5.5	Active Low/Push-Pull	85 to 300	WDI/WDO	7.80	3.96	3.64	
◆ 700-MAX16062ATG	MAX16062ATG+	TNQN-F-24	0 to 5.5	Active Low/Open Drain/with Internal Pull-Up	adj.	WDI/WDO/None	19.58	9.93	9.14	
Development Tools										
700-MAX6496EVKIT	MAX6496EVKIT+	Evaluation kit for MAX6496						134.39	-	-

## CURRENT LIMIT SWITCHES

Surface Mount Device  
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MOUSER STOCK NO.	Maxim Integrated Part No.	Package	I <sub>LOAD</sub> (A) (Max.)	Current Limit Accuracy (%)	Lowest Adj. Setting (A)	R <sub>ON</sub> (Ω) (Typ)	Operating Voltage Range (V)	Indicator Output(s)	Over-Current Response	Price Each		
										1	25	100
◆ 700-MAX890LESA	MAX890LESA+	SOIC-8	1	15	0.32	0.075	2.7 to 5.5	Dault	Current Reg.	3.20	1.62	1.49
◆ 700-MAX16946GTE/V+	MAX16946GTE/V+	TQFN-16	0.5	-	-	-	4.5 to 18	Fault	Current Reg.	3.60	1.83	1.68
◆ 700-MAX8586ETA/VT	MAX8586ETA/V+T	TDFN-EP-8	1200	14	0.5	0.055	2.7/5.5	-	-	2.16	1.44	1.05

## SIGNAL LINE PROTECTORS

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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
◆ 700-MAX4506ESA	MAX4506ESA+	SOICN-8	3-line	20	10	Auto Protection	9-36	100	40	6.24	3.07	2.83

## CHARGE PUMPS

Surface Mount Device  
For quantities greater than listed, call for quote.

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)	I <sub>CC</sub> (Max.) (mA)	Operating Freq. (kHz)	Price Each		
			Min.	Max.						1	25	100
◆ 700-MAX660CPA	MAX660CPA+	PDIP-8	1.2	5.5	2xVIN/VIN	---/---	0.1	0.5	80	7.49	3.80	3.49
◆ 700-MAX660ESA	MAX660ESA+	SOIC-8	1.2	5.5	2xVIN/VIN	---/---	0.1	0.5	80	10.23	5.19	4.77
◆ 700-MAX828EUKT	MAX828EUK+T	SOT-5	1.5	5.5	-VIN	---/---	0.025	0.09	12	5.04	3.14	2.57
◆ 700-MAX829EUKT	MAX829EUK+T	SOT-5	1.5	5.5	-VIN	---/---	0.025	0.26	35	5.19	3.80	2.76
◆ 700-MAX860ESA	MAX860ESA+	SOIC-8	1.5	5.5	2xVIN/VIN	---/---	0.05	0.3	130	3.21	1.58	1.45
◆ 700-MAX860ISA	MAX860ISA+	SOIC-8	1.5	5.5	2xVIN/VIN	---/---	0.05	0.3	130	4.03	2.04	1.88
◆ 700-MAX860IUA	MAX860IUA+	μMAX-8	1.5	5.5	2xVIN/VIN	---/---	0.05	0.3	130	2.94	1.49	1.37
◆ 700-MAX861ESA	MAX861ESA+	SOIC-8	1.5	5.5	2xVIN/VIN	---/---	0.05	0.4	250	5.63	2.86	2.63
◆ 700-MAX861ISA	MAX861ISA+	SOIC-8	1.5	5.5	2xVIN/VIN	---/---	0.05	0.4	250	2.97	1.46	1.34
◆ 700-ICL7660CPA	ICL7660CPA+	PDIP-8	1.5	10	2xVIN/VIN	---/---	0.02	0.175	10	2.80	1.42	1.31
◆ 700-ICL7660CSA	ICL7660CSA+	SOIC-8	1.5	10	2xVIN/VIN	---/---	0.02	0.175	10	3.09	1.57	1.44
◆ 700-ICL7660EPA	ICL7660EPA+	PDIP-8	1.5	10	2xVIN/VIN	---/---	0.02	0.175	10	4.77	2.42	2.23
◆ 700-ICL7660ESA	ICL7660ESA+	SOIC-8	1.5	10	2xVIN/VIN	---/---	0.02	0.175	10	4.43	2.25	2.07
◆ 700-MAX1044CPA	MAX1044CPA+	PDIP-8	1.5	10	+2xVIN/VIN	---/---	0.02	0.2	20	2.89	1.46	1.35
◆ 700-MAX1044CSA	MAX1044CSA+	SOIC-8	1.5	10	+2xVIN/VIN	---/---	0.02	0.2	20	3.51	1.78	1.64
◆ 700-MAX1044ESA	MAX1044ESA+	SOIC-8	1.5	10	+2xVIN/VIN	---/---	0.02	0.2	20	4.59	2.26	2.08
◆ 700-MAX864EEE	MAX864EEE+	QSOP-16	1.75	6	+2xVIN	---/---	0.035	1	185	3.77	1.91	1.76
◆ 700-MAX865EUA	MAX865EUA+	μMAX-8	1.75	6	+2xVIN	---/---	0.018	1.05	24	3.26	1.65	1.51
◆ 700-MAX1595EUA33	MAX1595EUA33+	μMAX-8	1.8	5.5	3.3/5	---/---	0.125	0.22	1000	4.05	2.00	1.84
◆ 700-MAX1595EUA50	MAX1595EUA50+	μMAX-8	1.8	5.5	3.3/5	---/---	0.125	0.22	1000	3.86	1.96	1.80
◆ 700-MAX868EUB	MAX868EUB+	μMAX-10	1.8	5.5	2xVIN	2xVIN/0	0.03	0.18	450	3.51	1.77	1.64
◆ 700-MAX619CPA	MAX619CPA+	PDIP-8	2	3.6	5	---/---	0.05	0.17	500	4.23	2.08	1.91
◆ 700-MAX1673ESA	MAX1673ESA+	SOIC-8	2	5.5	-VIN	-VIN/0	0.125	16	350	4.91	2.49	2.29
◆ 700-MAX1680ESA	MAX1680ESA+	SOIC-8	2	5.5	+2xVIN/VIN	---/---	0.125	4.5	250	5.74	2.91	2.68
◆ 700-MAX680CPA	MAX680CPA+	PDIP-8	2	6	+2xVIN/-2xVIN	---/---	0.01	2	8	4.83	2.45	2.25
◆ 700-MAX680CSA	MAX680CSA+	SOIC-8	2	6	+2xVIN/-2xVIN	---/---	0.01	2	8	5.29	2.68	2.47
◆ 700-MAX680EPA	MAX680EPA+	PDIP-8	2	6	+2xVIN/-2xVIN	---/---	0.01	2	8	6.63	3.36	3.09
◆ 700-MAX680ESA	MAX680ESA+	SOIC-8	2	6	+2xVIN/-2xVIN	---/---	0.01	2	8	7.31	3.71	3.41
◆ 700-MAX881REUB	MAX881REUB+	μMAX-10	2.5	5.5	-VIN - 0.6	-VIN-0.6/-0.5	0.01	0.95	100	4.65	2.36	2.17
◆ 700-MAX840ISA	MAX840ISA+	SOIC-8	2.5	10	-VIN-0.6	-0.5	0.01	1.3	100	4.39	2.23	2.05
◆ 700-MAX1730EUB	MAX1730EUB+	μMAX-10	2.7	5.5	1.8/1.9	---/---	0.05	0.15	2000	3.84	1.88	1.74
◆ 700-MAX682ESA	MAX682ESA+	SOIC-8	2.7	5.5	-2xVIN	---/---	0.25	0.18	1000	6.23	3.16	2.90
◆ 700-MAX889RESA	MAX889RESA+	SOIC-8	2.7	5.5	-VIN	-VIN/-2.5	0.2	7	500	5.39	2.73	2.52
◆ 700-MAX889SESA	MAX889SESA+	SOIC-8	2.7	5.5	-VIN	-VIN/-2.5	0.2	12	1000	5.39	2.73	2.52
◆ 700-MAX889TESA	MAX889TESA+	SOIC-8	2.7	5.5	-VIN	-VIN/-2.5	0.2	22	2000	5.39	2.73	2.52
◆ 700-MAX1681ESA	MAX1681ESA+	SOIC-8	3	5.5	2xVIN/VIN	---/---	0.125	17	1000	5.74	2.91	2.68
◆ 700-MAX662ACPA	MAX662ACPA+	PDIP-8	4.5	5.5	12	---/---	0.02	0.6	10	5.17	2.62	2.41
◆ 700-MAX662ACSA	MAX662ACSA+	SOIC-8	4.5	5.5	12	---/---	0.02	0.6	10	5.29	2.68	2.47
◆ 700-MAX662AESA	MAX662AESA+	SOIC-8	4.5	5.5	12	---/---	0.02	0.6	10	7.31	3.71	3.41
◆ 700-MAX850ESA	MAX850ESA+	SOIC-8	4.5	10	-4.1	-VIN-0.6/-0.5	0.005	3	100	5.67	2.79	2.57
◆ 700-ICL7662CBA	ICL7662CBA+	SOIC-8	4.5	20	2xVIN/VIN	---/---	0.02	0.6	10	4.06	2.06	1.89
◆ 700-ICL7662CBD	ICL7662CBD+	SOIC-14	4.5	20	2xVIN/VIN	---/---	0.02	0.6	10	4.06	2.06	1.89
◆ 700-ICL7662CPA	ICL7662CPA+	PDIP-8	4.5	20	2xVIN/VIN	---/---	0.02	0.6	10	3.69	1.87	1.72
◆ 700-ICL7662EBA	ICL7662EBA+	SOIC-8	4.5	20	2xVIN/VIN	---/---	0.02	0.6	10	5.09	2.58	2.37
◆ 700-ICL7662EBD	ICL7662EBD+	SOIC-14	4.5	20	2xVIN/VIN	---/---	0.02	0.6	10	5.09	2.58	2.37
◆ 700-ICL7662EPA	ICL7662EPA+	PDIP-8	4.5	20	2xVIN/VIN	---/---	0.02	0.6	10	4.89	2.48	2.28
◆ 700-SI7661CSA	SI7661CSA+	SOIC-8	4.5	20	-VIN	-2.5	0.02	0.6	10	5.31	2.70	2.48
Development Tools												
700-MAX8686EVKIT+	MAX8686EVKIT+	Description Eval Kit for MAX8686						75.00	-	-		

## DC/DC SWITCHING REGULATORS

Surface Mount Device  
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Maxim Integrated Part No.	Package	V <sub>IN</sub> (V)		V <sub>OUT</sub> (V)		I <sub>OUT</sub> (Max.) (A)	I <sub>CC</sub> (Max.) (mA)	Operating Freq. (kHz)	Price Each		
			Min.	Max.	Min.	Max.				1	25	100
<b>Inverting</b>												
◆ 700-MAX1620EEE	MAX1620EEE+	QSOP-16	1.8	20	-	-	0.07	0.25	300	3.00	2.75	2.75
◆ 700-MAX637ACPA	MAX637ACPA+	PDIP-8	2.3	16.5	-14.25	-15.75	-	-	50	7.40	3.75	3.45
◆ 700-MAX637ACSA	MAX637ACSA+	SOIC-8	2.3	16.5	-14.25	-15.75	-	-	50	7.66	3.88	3.57
◆ 700-MAX636ACPA	MAX636ACPA+	PDIP-8	2.3	16.5	-11.4	-12.6	-	-	50	6.75	3.32	3.05
◆ 700-MAX635ACPA	MAX635ACPA+	PDIP-8	2.3	16.5	-4.75	-5.25	-	-	50	6.42	3.25	2.99
◆ 700-MAX635AEP	MAX635AEP+	SOIC-8	2.3	16.5	-4.75	-5.25	-	-	50	10.23	5.19	4.77
◆ 700-MAX634CPA	MAX634CPA+	PDIP-8	2.3	16.5	0	-18	0.15	0.15	75	7.03	3.57	3.28
◆ 700-MAX638ACPA	MAX638ACPA+	PDIP-8	2.3	16.5	1.25	16	0.075	0.6	65	6.42	3.25	2.99
◆ 700-MAX638ACSA	MAX638ACSA+	SOIC-8	2.3	16.5	1.25	16	0.075	0.6	65	7.66	3.88	3.57
◆ 700-MAX629ESA	MAX629ESA+	SOIC-8	2.7	5.5	-	-	0.5	0.08	300	7.94	4.03	3.71
◆ 700-MAX1847EEE	MAX1847EEE+	QSOP-16	3	16.5	-2	-200	5	0.008	500	6.67	3.28	3.02