

# MAXIM INTEGRATED Power Management ICs



Power Management

## DRIVERS FOR ISOLATED POWER SUPPLIES

RoHS Compliant This product is RoHS compliant.

◆ Surface Mount Device

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Maxim Integrated Part No.	Package	VIN (V)		Freq. (kHz) (Min.)	ICC (mA) (Min.)	Feedback	Topology	Price Each		
			Min.	Max.					1	25	100
◆ 700-MAX253CPA	MAX253CPA+	PDIP-8	2.5	6	350	0.45	Open Loop	Half-Bridge Push-Pull	3.11	1.58	1.45
◆ 700-MAX253CSA	MAX253CSA+	SOIC-8	2.5	6	350	0.45	Open Loop	Half-Bridge Push-Pull	3.11	1.58	1.45
◆ 700-MAX253CUA	MAX253CUA+	μMAX-8	2.5	6	350	0.45	Open Loop	Half-Bridge Push-Pull	3.40	1.72	1.59
◆ 700-MAX253EPA	MAX253EPA+	PDIP-8	2.5	6	350	0.45	Open Loop	Half-Bridge Push-Pull	4.43	2.25	2.07
◆ 700-MAX253ESA	MAX253ESA+	SOIC-8	2.5	6	350	0.45	Open Loop	Half-Bridge Push-Pull	4.06	2.06	1.89
◆ 700-MAX256ASA	MAX256ASA+	SOIC-8	3	5.5	1000	1	Open Loop	Half-Bridge Push-Pull	6.94	3.52	3.24
◆ 700-MAX845ESA	MAX845ESA+	SOIC-8	2.5	6	860	1.1	Open Loop	Push-Pull	4.43	2.25	2.07
◆ 700-MAX845EUA	MAX845EUA+	μMAX-8	2.5	6	860	1.1	Open Loop	Push-Pull	4.66	2.36	2.17
◆ 700-MAX15001BEUB	MAX15001BEUB+	μMAX-10	9.5	24	625	2	Primary Side	Flyback, Single-ended Forward	3.66	1.80	1.66
◆ 700-MAX5022EUA	MAX5022EUA+	μMAX-8	24	375	262	2.43	Opto	Flyback	1.74	.884	.813
◆ 700-MAX5069DAUE	MAX5069DAUE+	TSSOP-16	10.8	24	2500	3	Linear, Opto	Half-Bridge, Full Bridge, Push-Pull	8.77	4.45	4.09

## POWER-SUPPLY SEQUENCERS AND VOLTAGE TRACKERS

◆ Surface Mount Device

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MOUSER STOCK NO.	Maxim Integrated Part No.	Package	Option	Interface	Input Channels	Features	Price Each		
							1	25	100
◆ 700-MAX16029TG	MAX16029TG+	TQFN-24	Sequence	Factory Fixed, R/C Adjust	4	Enable Input, Reset Output	7.84	3.98	3.66
◆ 700-MAX6338OUB	MAX6338OUB+	μMAX-10	None	-	4	Adj. Reset Input, Negative Voltage	7.50	3.70	3.40
◆ 700-MAX6339CUTT	MAX6339CUTT+	SOT-6	None	Factory Fixed, R/C Adjust	4	Adj. Reset Input, Negative Voltage	5.16	3.44	2.49
◆ 700-MAX16046ETN	MAX16046ETN+	TQFN-56	Monitor, Sequence Seq and Track, Track	I2C/SMBus, JTAG	12	ADC, Add GPIOs, Charge Pump Out, En Input, Man RS, NV Fault Event Log, Output Discharge Pin, OV Detection, RS Out, Rev Seq, Slow Rate Cont., User EEPROM, V Margining, WD	24.92	12.64	11.63
◆ 700-MAX16048ETN	MAX16048ETN+	TQFN-56	Sequence, Sequence and Track	I2C/SMBus, JTAG	8	ADC, Add GPIOs, Charge Pump Out, En Input, Man RS, NV Fault Event Log, Output Discharge Pin, OV Detection, RS Out, Rev Seq, Slow Rate Cont., User EEPROM, V Margining, WD	22.41	11.37	10.46
◆ 700-MAX16049ETN	MAX16049ETN+	TQFN-56	Sequence, Sequence and Track, Track	I2C/SMBus, JTAG	8	ADC, Add GPIOs, Charge Pump Out, En Input, Man RS, NV Fault Event Log, Output Discharge Pin, OV Detection, RS Out, Rev Seq, Slow Rate Cont., User EEPROM, WD	21.33	10.82	9.96
◆ 700-MAX16050ETI	MAX16050ETI+	TQFN-28	Sequence	Factory Fixed, R/C Adjust	5	Charge Pump Out, En Input, Out Discharge Pin, OV Detection, RS Output, Rev Seq.	7.80	5.20	3.54
◆ 700-MAX16065ETM	MAX16065ETM+	TQFN-48	Monitor, Sequence	I2C/SMBus, JTAG	12	ADC, Add GPIOs, Charge Pump Out, Curr Sense, En Input, Man RS, NV Fault Event Log, OV Detection, RS Output, User EEPROM, WD Timer	25.40	16.93	11.52
◆ 700-MAX16066ETL	MAX16066ETL+	TQFN-40	Monitor, Sequence	I2C/SMBus, JTAG	8	ADC, Add GPIOs, Charge Pump Out, Curr Sense, En Input, Man RS, NV Fault Event Log, OV Detection, RS Output, User EEPROM, WD Timer	22.77	15.18	10.32
◆ 700-MAX34440ETL+	MAX34440ETL+	TQFN-40	Monitor, Sequence	I2C/SMBus, PMBus	6	ADC, Curr Sensing, NV Fault Event Logger, Overvoltage Det, RS Output, Rev Seq, V Margining	7.60	3.86	3.55
◆ 700-MAX34441ETL	MAX34441ETL+	TQFN-40	Monitor, Sequence	I2C/SMBus, PMBus	5	ADC, Curr Sensing, Fan Mon/Cntrl, NV Fault Event Log, OV Det, RS Out, RV Seq, V Margining	8.89	4.51	4.15
◆ 700-MAX16025TE	MAX16025TE+	TQFN-16	Sequence	Factory Fixed, R/C Adjust	2	Enable Input, Reset Output	3.55	1.74	1.60

## WATCHDOG TIMERS

◆ Surface Mount Device

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Maxim Integrated Part No.	Package	Watchdog Feature	Watchdog Timeout	Watchdog Startup Delay	Watchdog Output	ICC (μA) Max.	Price Each		
								1	25	100
◆ 700-MAX16998AAUA	MAX16998AAUA+	μMAX-8	Input (WDI)	Adj	<60s	Open Drain	60	2.73	1.82	1.31

## HOT SWAP CONTROLLERS

◆ Surface Mount Device



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Maxim Integrated Part No.	Package	VIN (V) (Min./Max.)	Circuit Breaker/ Current Limit	Fault Condition Controls	Channels	Positive/Negative Rail	Price Each		
								1	25	100
◆ 700-DS4560S-AR	DS4560S-AR+	SO-8	9/13.2	Current Limit	Latched Off, Periodic Retry	1	Positive	2.71	1.38	1.27
◆ 700-MAX5921AESA	MAX5921AESA+	SO-8	-20/-80	Current Limit	Periodic Retry	1	Negative	6.64	3.27	3.01
◆ 700-MAX5947AESA	MAX5947AESA+	SO-8	9/80	Current Limit	Latched Off, Periodic Retry	1	Positive	5.60	2.84	2.61
◆ 700-MAX5956AEFE	MAX5956AEFE+	QSOP-16	1/13.2	Current Limit	Latched Off, Periodic Retry	2	Positive	11.08	5.44	5.00
Development Kits										
◆ 700-MAX34565EVKIT#	MAX34565EVKIT#	Development Kit for MAX34565						123.00	-	-

## POWERLINE NETWORKING ICs

◆ Surface Mount Device



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Maxim Integrated Part No.	Package	Line Impedance Capability (min.) (Ω)	Standard Compliance	Adaptive Gain Control (dB)	ADC & DAC (bit)	Price Each		
							1	25	100
◆ 700-MAX2981GCBV+	MAX2981GCBV+	TQFP-64	10	HomePlug 1.0	50	10	20.87	10.58	9.74

## POWER OVER ETHERNET (POE) CONTROLLERS

◆ Surface Mount Device



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Maxim Integrated Part No.	Package	Supply Voltage Max. (V)	Inrush Current Limit Max. (mA)	Current Limit (mA)	R <sub>DS(ON)</sub> (Ω)	IEEE Compliance	Price Each		
								1	25	100
◆ 700-MAX5980GTJ+	MAX5980GTJ+	TQFN-32	60	-	-	0.25	802.3at/af	16.58	10.75	8.73
◆ 700-MAX5982AETE+	MAX5982AETE+	TQFN-16	60	182	2100	0.2	802.3at/af	7.35	3.81	3.51
◆ 700-MAX5981AETE+	MAX5981AETE+	TQFN-16	100	180	720-880	0.5	802.3at/af	6.30	3.10	2.86
◆ 700-MAX5981BETE+	MAX5981BETE+	TQFN-16	100	180	720-880	0.5	802.3at/af	7.02	3.46	3.18

