

MAXIM INTEGRATED Power Management ICs



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SERIES VOLTAGE REFERENCES (CONT.)

MOUSER STOCK NO.	Maxim Integrated Part No.	Package	V _{OUT} (V)	Initial Accuracy @ +25°C (%)	Temp. Coeff. (ppm/°C) (Max.)	V _{SUPPLY} (V) (Max.)	I _{SUPPLY} (μA) (Max.)	Noise 0.1Hz to 10Hz (Typ.) (VPP)	Operating Temp. (°C)	Price Each		
										1	25	100
◆ 700-MAX6250ACSA	MAX6250ACSA+	SOIC-8	5	0.02	2	8/36	3300	3	0 to +70	6.73	6.42	6.10
◆ 700-MAX6250AEP	MAX6250AEP+	PDIP-8	5	0.02	2	8/36	3300	3	-40 to +85	10.24	9.76	9.28
◆ 700-MAX6250AESA	MAX6250AESA+	SOIC-8	5	0.02	2	8/36	3300	3	-40 to +85	7.58	7.23	6.87
◆ 700-MAX6350CSA	MAX6350CSA+	SOIC-8	5	0.02	1	8/36	3300	3	0 to +70	9.78	9.33	8.86
◆ 700-MAX6350ESA	MAX6350ESA+	SOIC-8	5	0.02	1	8/36	3300	3	-40 to +85	10.87	10.36	9.85
◆ 700-MAX6143AASA50	MAX6143AASA50+	SOIC-8	5	0.05	3	4.5/40	600	4	-40 to +125	5.72	5.43	5.39
◆ 700-MAX6143BASA50	MAX6143BASA50+	SOIC-8	5	0.05	10	4.5/40	600	4	-40 to +125	3.85	3.65	3.63
◆ 700-MAX6126BASA50	MAX6126BASA50+	SOIC-8	5	0.06	5	2.7/12.6	550	1.35	-40 to +125	3.65	3.48	3.31
◆ 700-MAX6175AASA	MAX6175AASA+	SOIC-8	5	0.06	3	-/40	600	9	-40 to +125	4.65	4.41	4.38
◆ 700-MAX6175BASA	MAX6175BASA+	SOIC-8	5	0.06	10	-/40	600	9	-40 to +125	3.08	2.92	2.90
◆ 700-MAX875BESA	MAX875BESA+	SOIC-8	5	0.06	20	7/18	280	32	-40 to +85	7.03	6.67	6.64
◆ 700-MAX6165BESA	MAX6165BESA+	SO-8	5	0.1	10	12.6	120	60	-40 to +85	2.40	2.28	2.18
◆ 700-MAX6195BESA	MAX6195BESA+	SOIC-8	5	0.1	10	5.2/12.6	35	120	-40 to +85	2.32	2.20	2.18
◆ 700-MAX6220ASA-5.0	MAX6220ASA-5.0+	SOIC-8	5	0.1	20	8/40	3300	1.5	-40 to +125	2.42	2.30	2.20
◆ 700-MAX6250BCSA	MAX6250BCSA+	SOIC-8	5	0.1	5	8/36	3300	3	0 to +70	3.82	3.64	3.47
◆ 700-MAX6250BESA	MAX6250BESA+	SOIC-8	5	0.1	5	8/36	3300	3	-40 to +85	4.02	3.84	3.65
◆ 700-MAX675CPA	MAX675CPA+	PDIP-8	5	0.15	12	33	1400	10	-40 to +85	6.16	5.85	5.81
◆ 700-MAX6050AEURT	MAX6050AEUR+T	SOT-23-3	5	0.2	20	5.2/12.6	35	120	-40 to +85	5.87	4.42	3.87
◆ 700-REF02CESA	REF02CESA+	SOIC-8	5	0.3	8.5	8/33	1400	10	-40 to +85	2.26	2.14	2.12
◆ 700-REF02CP	REF02CP+	PDIP-8	5	0.3	8.5	8/33	1400	10	0 to +70	2.40	2.28	2.26
◆ 700-REF02CSA	REF02CSA+	SOIC-8	5	0.3	8.5	8/33	1400	10	0 to +70	2.26	2.14	2.12
◆ 700-MAX6105EURT	MAX6105EUR+T	SOT-23-3	5	0.4	75	5.2/12.6	125	60	-40 to +85	1.14	.856	.749
◆ 700-MAX6035BAUR50T	MAX6035BAUR50+T	SOT-23-3	5	0.5	65	4.4/33	95	21	-40 to +125	2.08	1.57	1.37
◆ 700-MAX6143AASA10	MAX6143AASA10+	SOIC-8	10	0.05	3	4.5/40	600	4	-40 to +125	5.72	5.43	5.39
◆ 700-MAX6176AASA	MAX6176AASA+	SOIC-8	10	0.05	3	-/40	600	18	-40 to +125	4.57	4.36	4.15
◆ 700-MAX674ESA	MAX674ESA+	SOIC-8	10	0.15	12	13/33	1400	20	-40 to +85	6.24	5.92	5.89
◆ 700-REF01CP	REF01CP+	PDIP-8	10	0.3	8.5	33	1400	20	-40 to +85	2.40	2.28	2.26
◆ 700-REF01CSA	REF01CSA+	SOIC-8	10	0.3	8.5	13/33	1400	20	0 to +70	2.16	2.05	2.04
◆ 700-REF01HP	REF01HP+	PDIP-8	10	0.3	8.5	33	1400	20	-40 to +85	3.05	2.89	2.88
◆ 700-MAX6037AAUKADJT	MAX6037AAUKADJ+T	SOT-23-5	Adj.	0.2	25	2.5/5.5	280	11	-40 to +125	4.30	3.24	2.83
◆ 700-MAX6160ESA	MAX6160ESA+	SOIC-8	Adj.	1	100	2.7/12.6	130	15	-40 to +85	3.33	3.18	3.03
◆ 700-MAX6160EUST	MAX6160EUS+T	SOT-4	Adj.	1	100	2.7/12.6	130	15	-40 to +85	4.32	3.26	2.85

SHUNT VOLTAGE REFERENCES

MOUSER STOCK NO.	Maxim Integrated Part No.	Package	V _{OUT} (V)	Initial Accuracy @ +25°C	Temp. Coeff. (ppm/°C) (Max.)	I _{REV} (Min.) (μA)	I _{REV} (Max.) (mA)	Noise 0.1Hz to 10Hz (Typ.) (VPP)	Operating Temp. (°C)	Price Each		
										1	25	100
◆ 700-MAX6006AEURT	MAX6006AEUR+T	SOT-23-3	1.25	0.2	30	1	2	30	-40 to +85	2.62	1.97	1.73
◆ 700-LM4040BIM3-2.1T	LM4040BIM3-2.1+T	SOT-23-3	2.048	0.2	100	65	15	-	-40 to +85	1.51	1.14	.99
◆ 700-MAX6138AEXR25T	MAX6138AEXR25+T	SC-70-3	2.5	0.1	25	65	15	-	-40 to +85	5.87	4.42	3.87
◆ 700-LM4050AEM3-2.5T	LM4050AEM3-2.5+T	SOT-23-3	2.5	0.1	50	65	15	-	-40 to +85	3.49	2.63	2.30
◆ 700-LM4040AIM3-2.5T	LM4040AIM3-2.5+T	SOT-23-3	2.5	0.1	100	65	15	-	-40 to +85	2.19	1.65	1.44
◆ 700-LM4040AIM3-3.0T	LM4040AIM3-3.0+T	SOT-23-3	3	0.1	100	65	15	-	-40 to +85	2.18	1.64	1.43
◆ 700-LM4041DIM3-1.2T	LM4041DIM3-1.2+T	SOT-23-3	1.25	1	100	70	15	-	-40 to +85	.73	.55	.482
◆ 700-MAX8069ESA	MAX8069ESA+	SOIC-8	1.25	2.4	25	60	5	-	-40 to +85	.95	.905	.853
◆ 700-LM4050CEM3-2.1T	LM4050CEM3-2.1+T	SOT-23-3	2.048	0.5	50	65	15	-	-40 to +85	2.30	1.73	1.51
◆ 700-LM4040BIM3-2.5T	LM4040BIM3-2.5+T	SOT-23-3	2.5	0.2	100	65	15	-	-40 to +85	1.51	1.14	.99
◆ 700-LM4040BIX3-2.5T	LM4040BIX3-2.5+T	SC-70-3	2.5	0.2	100	65	15	-	-40 to +125	1.51	1.14	.99
◆ 700-MAX6008AEURT	MAX6008AEUR+T	SOT-23-3	2.5	0.5	75	1	2	60	-40 to +85	2.92	2.20	1.92
◆ 700-LM4040CIM3-2.5T	LM4040CIM3-2.5+T	SOT-23-3	2.5	0.5	100	65	15	-	-40 to +85	.86	.652	.571
◆ 700-LM4040DIM3-2.5T	LM4040DIM3-2.5+T	SOT-23-3	2.5	1	150	70	15	-	-40 to +85	.73	.55	.482
◆ 700-LM4040DIX3-2.5T	LM4040DIX3-2.5+T	SC-70-3	2.5	1	150	70	15	-	-40 to +125	.73	.55	.482
◆ 700-MAX6009AEURT	MAX6009AEUR+T	SOT-23-3	3	0.2	30	1	2	75	-40 to +85	2.68	2.01	1.76
◆ 700-LM4040BIX3-3.0T	LM4040BIX3-3.0+T	SC-70-3	3	0.2	100	65	15	-	-40 to +125	1.51	1.14	.99
◆ 700-LM4050BEX3-5.0T	LM4050BEX3-5.0+T	SC-70-3	5	0.2	50	65	15	-	-40 to +125	2.43	1.83	1.60
◆ 700-LM4040BIM3-5.0T	LM4040BIM3-5.0+T	SOT-23-3	5	0.2	100	65	15	-	-40 to +85	2.65	1.99	1.74
◆ 700-LM4040CIX3-5.0T	LM4040CIX3-5.0+T	SC-70-3	5	0.5	100	65	15	-	-40 to +125	.86	.652	.571
◆ 700-LM4040DEM3-5.0T	LM4040DEM3-5.0+T	SOT-23-3	5	1	150	70	15	-	-40 to +85	.73	.55	.482

RELAY DRIVERS

MOUSER STOCK NO.	Maxim Integrated Part No.	Description	Price Each
Development Tools			
◆ 700-MAX4824PMB1#	MAX4824PMB1#	MAX4824PMB1 Octal Relay Driver Pmod Compatible Plug-in Module	20.35

MOSFET DRIVERS

MOUSER STOCK NO.	Maxim Integrated Part No.	Package	No. of Drivers	Logic	I _{OUT} (A)	RON (Ω)		V Supply (V)	Operating Temp. (°C)	Price Each		
						Typ	Max			1	25	100
◆ 700-MAX15492GTA+	MAX15492GTA+	TDFN-8	2	High Side/Low Side	2.7	0.3	2	5.5	-40 to 85	2.43	1.83	1.60
◆ 700-MAX17600ASA+	MAX17600ASA+	SOIC-8	4	Inverting	4	0.5	0.95	4 to 14	-40 to 125	1.80	1.25	.83
◆ 700-MAX17601ASA+	MAX17601ASA+	SOIC-8	2	Non-Inverting	4	0.5	0.95	4 to 14	-40 to 125	1.74	1.22	.83
◆ 700-MAX17601AUA+	MAX17601AUA+	μMAX-8	2	Non-Inverting	4	0.5	0.95	4 to 14	-40 to 125	1.75	1.23	.83
◆ 700-MAX17602ASA+	MAX17602ASA+	SOIC-8	2	Mixed	4	0.5	0.95	4 to 14	-40 to 125	1.74	1.22	.83
◆ 700-MAX17602AUA+	MAX17602AUA+	μMAX-8	2	Mixed	4	0.5	0.95	4 to 14	-40 to 125	1.75	1.23	.83
◆ 700-MAX17603ASA+	MAX17603ASA+	SOIC-8	2	Inverting	4	0.5	0.95	4 to 14	-40 to 125	1.74	1.22	.83
◆ 700-MAX17603AUA+	MAX17603AUA+	μMAX-8	2	Inverting	4	0.5	0.95	4 to 14	-40 to 125	1.75	1.23	.83
◆ 700-MAX17604ASA+	MAX17604ASA+	SOIC-8	2	Non-Inverting	4	0.5	0.95	4 to 14	-40 to 125	1.74	1.22	.83
◆ 700-MAX17604AUA+	MAX17604AUA+	μMAX-8	2	Non-Inverting	4	0.5	0.95	4 to 14	-40 to 125	1.75	1.23	.83
◆ 700-MAX17605ASA+	MAX17605ASA+	SOIC-8	2	Mixed	4	0.5	0.95	4 to 14	-40 to 125	1.74	1.22	.83
◆ 700-MAX17605AUA+	MAX17605AUA+	μMAX-8	2	Mixed	4	0.5	0.95	4 to 14	-40 to 125	1.75	1.23	.83

HALF BRIDGE MOSFET DRIVERS

MOUSER STOCK NO.	Maxim Integrated Part No.	Package	Driver		High Side Voltage Typ. (V)	Voltage Supply (V)	I _{SOURCE} /I _{SINK} (peak) (A)	t _{PD} (Typ.) (ns)	Logic Input	Price Each		
			High Side	Low Side						1	25	100
◆ 700-MAX15012CASA	MAX15012CASA+	SOICN-EP-8	Non-Inverting	Non-Inverting	7	8 - 12.6	2/2	30	CMOS	10.76	4.90	4.90