

Bill of Materials

MCP1810 Evaluation Board

Document Number: 02-10619
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Part Number: ADM00808
Revision: 1
Engineer: Mihai Sterescu
Drawn By: Mihai Sterescu



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Quantity	Designator	Description_	Manufacturer 1	Manufacturer Part Number 1	Supplier 1	Supplier Part Number 1
2	C1, C2	CAP CER 2.2uF 16V 10% X7R SMD 0805	TDK	C2012X7R1C225K125AB	Digi-Key	445-1420-1-ND
1	J1	CON HDR-2.54 Male 1x2 Tin 6.75MH TH VERT	Molex Inc	0901200122	Digi-Key	WM8072-ND
4	PAD1, PAD2, PAD3, PAD4	MECH HW RUBBER PAD Hemisphere D6.4 H1.9 CLEAR	3M	SJ5382	Digi-Key	SJ5382-ND
2	R1, R3	RES TKF 1.05M 1% 1/8W SMD 0805	Yageo	RC0805FR-071M05L	Digi-Key	311-1.05MCRCT-ND
1	R2	RES TKF 0R 1/8W SMD 0805	Panasonic	ERJ-6GEY0R00V	Digi-Key	P0.0ACT-ND
8	TP1, TP2, TP3, TP4, TP5, TP6, TP7, TP8	CON TP TAB Silver Mini 3.8x2.03 SMD	Keystone Electronics	5019	Digi-Key	36-5019KCT-ND

Microchip Parts listed below

1	U1	MCHP ANALOG LDO 3.3V MCP1810T-33I VDFN-8	Microchip	MCP1810T-33I/J8A	Microchip	MCP1810T-33I/J8A
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Do Not Populate Parts listed below

1	C3	CAP TANT 2.2uF 20V 10% 3.5Ohm SMD B	KEMET	T491B225K020AT	Digi-Key	399-3714-1-ND
1	C4	CAP CER 2.2uF 16V 10% X7R SMD 0805	TDK	C2012X7R1C225K125AB	Digi-Key	445-1420-1-ND
1	J2	CON HDR-2.54 Male 1x1 Gold 5.97MH TH VERT	Samtec	TSW-101-07-L-S	Samtec	TSW-101-07-L-S
1	U2	MCHP ANALOG LDO 3.3V MCP1810T-33I VDFN-8	Microchip	MCP1810T-33I/J8A	Microchip	MCP1810T-33I/J8A