

Bill of Materials

MIC23350 Eval Board

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 Revision: 1
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Quantity	Designator	Description_	Manufacturer 1	Manufacturer Part Number 1	Supplier 1	Supplier Part Number 1
1	C1	CAP CER 1uF 16V 10% X7R SMD 0603	Wurth Electronics Inc	885012206052	Digi-Key	732-7971-1-ND
1	C3	CAP CER 0.1uF 16V 10% X7R SMD 0402	Murata	GRM155R71C104KA88D	Digi-Key	490-3261-2-ND
1	C5	CAP CER 47uF 10V 20% X7R SMD 1210	Taiyo Yuden	LMK325B7476MM-TR	Digi-Key	587-2783-2-ND
1	C7	CAP CER 0.1uF 16V 10% X7R SMD 0603	Taiyo Yuden	EMK107B7104KA-T	Digi-Key	587-1240-1-ND
1	C8	CAP ALU 470uF 16V 20% RAD P3.5D8H11.5	Nichicon	UVZ1C471MPD	Digi-Key	493-1286-ND
1	C9	CAP CER 22uF 10V 20% X7S SMD 0805	TDK Corporation	C2012X7S1A226M125AC	Digi-Key	445-14560-1-ND
4	J1, J3, J12, J13	CON HDR-2.54 Male 1x2 Gold 5.84MH TH VERT	FCI	77311-118-02LF	Digi-Key	609-4434-ND
3	J2, J6, J7	CON HDR-2.54 Male 1x3 Tin 5.84MH TH VERT	Samtec	TSW-103-07-T-S	Digi-Key	SAM1035-03-ND
4	J4, J5, J15, J19	CON TP PIN Tin TH	Harwin	H2121-01	Digi-Key	952-1440-ND
2	J14, J21	MISC, TEST POINT MULTI PURPOSE MINI RED	Keystone	5000	Digi-Key	36-5000-ND
3	J17, J18, J20	MISC, TEST POINT MULTI PURPOSE MINI BLACK	Keystone	5001	Digi-Key	36-5001-ND
1	L1	INDUCTOR 350nH 3.3A 20% SMD L3.2W3.5H1.5	Coilcraft	XEL3515-351	Coilcraft	XEL3515-351
1	R1	RES TKF 49.9R 1% 1/10W SMD 0603	Panasonic	ERJ-3EKF49R9V	Digi-Key	P49.9HCT-ND
1	R3	RES TKF 1M 1% 1/10W SMD 0603	Panasonic	ERJ-3EKF1004V	Digi-Key	P1.00MHCT-ND
1	R7	RES TKF 100k 1% 1/10W SMD 0603	TE Connectivity	1622827-1	Digi-Key	A106046CT-ND
1	R12	RES TKF 10R 1% 1/10W SMD 0603	Panasonic	ERJ-3EKF10R0V	Digi-Key	P10.0HTR-ND
Microchip Parts listed below						
1	U1	MCHP ANALOG SWITCHER Buck 2.4V to 5.5V MIC23350YFT FTQFN-16	Microchip Technology	MIC23350YFT	Microchip Tech	MIC23350YFT
Mechanical Parts to be added in the package						
3	JP1, JP2, JP3	MECH HW JUMPER 2.54mm 1x2 Phosphor Bronze w/ Handle	JAMECO VALUEPRO	2012JH-R	Jameco	152671
4	PAD1, PAD2, PAD3, PAD4	MECH HW RUBBER PAD CYLINDRICAL D7.9 H5.3 BLACK	3M	SJ61A11	Digi-Key	SJ5747-0-ND
PCB						
1	PCB1	Printed Circuit Board		04-10739-R1		
Do Not Populate Parts listed below						
0	J9	CON HDR-2.54 Male 1x2 Gold 5.84MH TH VERT	FCI	77311-118-02LF	Digi-Key	609-4434-ND