

**Assembly Bill of Materials**  
**Document P/N: 980600711-100A-A**



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Project Name:	LM5017 DUAL ISO MILL BRD
Project File:	LM5017_CU.PrcPCB
Base ID:	600711
PCB CopperRev:	-001
PCB SilkRev:	REV A
Assembly Variant:	-100A
Schematic Rev:	A
Build Quantity:	100
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 Dept Charge #

Date opened: 2/6/2012  
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PCB Part Number:

Item	Designator	Description	RoHS	Manufacturer	PartNumber	Quantity	Required	Supplier 1	Supplier Part Number 1	Supplier 2	Supplier Part Number 2	Alternate Manufacturer	Alternate PartNumber
1	AA1	Printed Circuit Board	Y	TBD		1							
2	C2	CAP, CERM, 0.01uF, 16V, +/-10%, X7R, 0603	Y	MuRata	GRM188R71C103KA01D	1		Digi-Key	490-1525-1-ND				
3	C1	CAP, CERM, 2.2uF, 100V, +/-10%, X7R, 1210	Y	MuRata	GRM32ER72A225KA35L	1		Digi-Key	490-3385-1-ND				
4	C5	CAP, CERM, 0.47uF, 100V, +/-10%, X7R, 0805	Y	MuRata	GRM21BR72A474KA73L	1		Digi-Key	490-3326-1-ND				
5	C7	CAP CER 3300PF 50V X7R 0603	Y	TDK Corporation	C1608X7R1H332K	1		Digi-Key	445-5084-1-ND				
6	C4 C6 C10	CAP, CERM, 1uF, 16V, +/-10%, X7R, 0805	Y	TDK	C2012X7R1C105K	3		Digi-Key	445-1358-1-ND				
7	C8	CAP, CERM, 0.1uF, 25V, +/-10%, X7R, 0603	Y	MuRata	GRM188R71E104KA01D	1		Digi-Key	490-1524-1-ND				
8	C3	CAP, CERM, 2.2uF, 25V, +/-10%, X7R, 0805	Y	Taiyo Yuden	TMK212B7225KG-TR	1		Digi-Key	587-2991-1-ND				
9	D1 D3	Diode, Schottky, 100V, 1A, PwrDI-123	Y	Diodes Inc	DFLS1100-7-F	2		Digi-Key	DFLS1100DICT-ND				
10	D2	Diode, Schottky, 40V, 100mA, SOD-523	Y	Diodes Inc	SDM10U45	1		Digi-Key	SDM10U45-FDICT-ND				CMMSH1-40
11	FID1, FID2, FID3	Fiducial mark. There is nothing to buy or mount.		N/A	N/A	3							
12	H1, H2, H3, H4	Machine Screw, Round, #4-40 x 1/4, Nylon, Philips panhead	Y	B&F Fastener Supply	NY PMS 440 0025 PH	4		Digi-Key	H542-ND				
13	H5, H6, H7, H8	Standoff, Hex, 0.5"L #4-40 Nylon	Y	Keystone	1902C	4		Digi-Key	1902CK-ND				
14	T1	Transformer, 26uH, 100mVAC, 550mA, 8 Pin SMD	Y	Würth Elektronik	750312924	1							
15	R2	RES, 8.25k ohm, 1%, 0.125W, 0805	Y	Vishay-Dale	CRCW08058K25FKEA	1		Digi-Key	541-8.25KCCT-ND				
16	R9	RES, 0 ohm, 5%, 0.125W, 0805	Y	Panasonic	ERJ-6GEY0R00V	1							
17	R3	RES, 130k ohm, 1%, 0.125W, 0805	Y	Panasonic	CRCW0805130KFKEA	1		Digi-Key	541-130KCCT-ND				
18	R4	RES, 7.32k ohm, 1%, 0.125W, 0805	Y	Yageo America	CRCW08057K32FKEA	1		Digi-Key	541-7.32KCCT-ND				
19	R1	RES, 127k ohm, 1%, 0.125W, 0805	Y	Vishay-Dale	CRCW0805127KFKEA	1		Digi-Key	541-127KCCT-ND				
20	R5	RES, 1.00k ohm, 1%, 0.125W, 0805	Y	Vishay-Dale	CRCW08051K00FKEA	1		Digi-Key	541-1.00KCCT-ND				
21	R8	RES, 46.4k ohm, 1%, 0.125W, 0805	Y	Vishay-Dale	CRCW080546K4FKEA	1		Digi-Key	541-46.4KCCT-ND				
22	R10 R11	RES, 2.00k ohm, 1%, 0.125W, 0805	Y	Vishay-Dale	CRCW08052K00FKEA	2		Digi-Key	541-2.00KCCT-ND				
23	TP1 TP2 TP3 TP4 TP5 TP6 TP7 TP8	Terminal, Turret, TH, Double	Y	Keystone	1502-2	8		Digi-Key	1502-2K-ND				
24	U1		Y	National Semiconductor	LM5017	1							
25													

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