

# Bill of Materials

# MIC2875/76 Evaluation Board

Document Number: 02-10635  
Board Number: 04-10635  
Part Number: ADM00824  
Revision: 1  
Engineer: Victor Uzum  
Drawn By: Victor Uzum



Creation Date: 11:07:47 AM  
Print Date: 11:08:12 AM

Quantity	Designator	Description_	Manufacturer 1	Manufacturer Part Number 1	Supplier 1	Supplier Part Number 1
1	C1	CAP CER 4.7uF 10V 10% X5R SMD 0603	<a href="#">TDK Corporation</a>	<a href="#">C1608X5R1A475K080AC</a>	Digi-Key	<a href="#">445-5170-1-ND</a>
2	C2, C3	CAP CER 1uF 10V 10% X5R SMD 0603	<a href="#">Murata</a>	<a href="#">GRM188R61A105KA61D</a>	Digi-Key	<a href="#">490-1543-1-ND</a>
3	C4, C5, C6	CAP CER 22uF 10V 20% X5R SMD 0805	<a href="#">Taiyo Yuden</a>	<a href="#">LMK212BJ226MG-T</a>	Digi-Key	<a href="#">587-1958-1-ND</a>
2	J1, J2	CON HDR-2.54 Male 1x2 Tin 6.10MH TH VERT	<a href="#">Molex Inc</a>	<a href="#">0022284020</a>	Digi-Key	<a href="#">WM50014-02-ND</a>
2	JP1, JP2	MECH HW JUMPER 2.54mm 1x2 Phosphor Bronze w/ Handle	<a href="#">JAMECO VALUEPRO</a>	<a href="#">2012JH-R</a>	Jameco	<a href="#">152671</a>
1	L1	INDUCTOR 1uH 9.6A 20% SMD L4W4H2.1	<a href="#">Coilcraft</a>	<a href="#">XAL4020-102MEC</a>	Mouser	<a href="#">994-XAL4020-102MEC</a>
1	LABEL3	LABEL, ASSY W/REV LEVEL (SMALL MODULES) PER MTS-0002			Dev Tools	
4	PAD1, PAD2, PAD3, PAD4	MECH HW RUBBER PAD CYLINDRICAL D7.9 H5.3 BLACK	<a href="#">3M</a>	<a href="#">SJ61A11</a>	Digi-Key	<a href="#">SJ5747-0-ND</a>
1	R1	RES TKF 1M 5% 1/10W SMD 0603	<a href="#">Panasonic</a>	<a href="#">ERJ-3GEYJ105V</a>	Digi-Key	<a href="#">P1.0MGTR-ND</a>
2	R2, R3	RES TKF 0R 1/10W SMD 0603	<a href="#">Panasonic</a>	<a href="#">ERJ-3GSY0R00V</a>	Digi-Key	<a href="#">P0.0GTR-ND</a>
1	R4	RES TKF 10k 5% 1/10W SMD 0603	<a href="#">Panasonic</a>	<a href="#">ERJ-3GEYJ103V</a>	Digi-Key	<a href="#">P10KGCT-ND</a>
1	R5	RES TF 910k 0.1% 1/16W SMD 0603	<a href="#">TE Connectivity Passive Product</a>	<a href="#">CPF0603B910KE1</a>	Digi-Key	<a href="#">A102324CT-ND</a>
1	R6	RES TF 200k 0.1% 1/10W SMD 0603	<a href="#">Panasonic Electronic Components</a>	<a href="#">ERA-3AEB204V</a>	Digi-Key	<a href="#">P200KDBCT-ND</a>
8	TP1, TP2, TP3, TP4, TP5, TP6, TP7, TP8	CON TP PIN Tin TH	<a href="#">Harwin</a>	<a href="#">H2121-01</a>	Digi-Key	<a href="#">952-1440-ND</a>
1	U1	MCHP ANALOG SWITCHER Boost 2.5V to 5.5V MIC2876-AYMT-TR TDFN-8	<a href="#">Microchip Technology</a>	<a href="#">MIC2876-AYMT-TR</a>	Digi-Key	<a href="#">MIC2876-AYMT-TR-ND</a>