



Microchip Technology Incorporated
2355 W. Chandler Blvd.
Chandler, AZ 85224-6199

Product Tree

ASSEMBLY NUMBER: 114-00375 REV: 1 LAST ECO: None Part No: ADM00375

ASSEMBLY NAME: MCP6H04 Evaluation Board

Part Number	Rev	Type	Description
111-00375	1	B	CM ASSY, MCP6H04 Evaluation Board
102-00375	1	B	PCB ASSY, MCP6H04 Evaluation Board
102-00375-D	1	D	PCB ASSY DWG, MCP6H04 Evaluation Board
103-00375	1	D	SCHEMATIC, MCP6H04 Evaluation Board
104-00375-D	1	D	PCB FABRICATION DWG, MCP6H04 Evaluation Board
105-00375	1	D	GERBER FILES, MCP6H04 Evaluation Board
113-00375	1	D	TEST PROCEDURE, MCP6H04 Evaluation Board
108-00004	2	LBL	LABEL, AIPD ASSEMBLY AND MANUFACTURING CODE NUMBERS, VERY SMALL
108-00001	3	LBL	LABEL, AIPD PRODUCT LABEL WITH BARCODE, SMALL (Refer to SPI 47209)
108-00006	2	LBL	AIPD Evaluation Board Kit "Inspection" Label

KEY
D: Drawing
B: BOM
LBL: Label



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KEY	
CR: Cross	D: Drawing
CS: Consign	B: BOM
PL: Pack List	P: Part
RoHS: Lead Free	LBL: Label

Bill of Materials

ASSEMBLY NUMBER: 102-00375 REV: 1 Part No: ADM00375
 ASSEMBLY NAME: MCP6H04 Evaluation Board

Qty	Reference	Description	Mfgr.	Part Number	Distributor	Vendor/Part Number	R O H S C C P					
							S	Rev	R	S	L	Type
1	1	-	-	102-00375-D	-	-		1	N	N	N	D
2	1	-	-	103-00375	-	-		1	N	N	N	D
3	1	-	-	104-00375-D	-	-		1	N	N	N	D
4	1	-	-	105-00375	-	-		1	N	N	N	D
5	1	-	-	113-00375	-	-		1	N	N	N	D
6	1	-	-	108-00004	-	-		2	N	N	N	LBL
7	1	PCB	-	104-00375	-	-		1	Y	N	N	P
8	3	C1,C3,C4	AVX	08051C104K4T2A	DigiKey	478-4525-1-ND	Y	1	Y	N	N	P
9	2	C5,C6	AVX	08051C103K4Z2A	DigiKey	08051C103K4Z2A-ND	Y	1	Y	N	N	P
10	1	C2	AVX	08053C105K4Z2A	DigiKey	478-6357-2-ND	Y	1	Y	N	N	P
11	2	R5,R6	TE	CPF0603B1K0E1	DigiKey	1614882-3-ND	Y	1	Y	N	N	P
12	2	R3,R4	VISHAY	MCT06030C1003FP500	DigiKey	MCT0603-100K-CFTR-ND	Y	1	Y	N	N	P
13	1	DP1	Micro Commercial	BZX84C16-TP	DigiKey	BZX84C16-TP-ND	Y	1	Y	N	N	P
14	1	JP1	Tyco Electronics/Am	9-146258-0-02	DigiKey	A34344-02-ND	Y	1	Y	N	N	P
15	11	Test Points	Keystone Electronics	5016	DigiKey	5016KTR-ND	Y	1	Y	N	N	P
16	18	Pin Socket	Mill-Max®	0667-0-15-01-30-27-10-0	DigiKey	ED5044-ND	Y	1	Y	N	N	P
17	1	U1	Microchip Technology	MCP6H04-E/SL	DigiKey	MCP6H04-E/SL-ND	Y	1	Y	N	N	P



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Bill of Materials

ASSEMBLY NUMBER: 102-00375 REV: 1 Part No: ADM00375
 ASSEMBLY NAME: MCP6H04 Evaluation Board

Qty	Reference	Description	Mfgr.	Part Number	Distributor	Vendor/Part Number	R o H S	Rev	C R	C S	C L	P L Type
Accessory Bag of Parts												
20	1	CL		CAPACITOR, DISC, 100V, 56PF	AVX	5KK560KOAAM	Digi-Key	478-4211-3-ND	Y	1	Y	N N P
21	1	RG		RESISTOR, 0.25W, 0.1%, 1K0	TE CONNECTI	H81K0BYA	Digi-Key	9-1879663-4-ND	Y	1	Y	N N P
22	2	RF, RF*		RES 50.0K OHM 1/4W 0.1% AXIAL	TE CONNECTI	H850KBCA	Digi-Key	2-1879642-7-ND	Y	1	Y	N N P
23	4	R1,R2,R1*, R2*		10K, 0.125W, 0.1%, 15PPM	VISHAY	PTF5610K000BXEB	Digi-Key	PTF10KETR-ND	Y	1	Y	N N P
24	1	RL		0.5W 5% 10K	VISHAY	NFR25H0001002JR500	Digi-Key	PPC10KBTR-ND	Y	1	Y	N N P
25									1	Y	N N	P



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PACK LIST

ASSEMBLY NUMBER: 114-00375 **REV:** 1 **Part No:** ADM00375

ASSEMBLY NAME: MCP6H04 Evaluation Board

111-00375 CM ASSY, MCP6H04 Evaluation Board				Rev: 1	Check Off
Qty	Part Number		Description		
1	1	102-00375	PCB ASSY, MCP6H04 Evaluation Board		
2	1	-	DOC, 'IMPORTANT INFORMATION' For MCP6H04 Evaluation Board		
3	1	-	Accessory Bag of Parts		