

Item Export

Run by
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 Workspace: Microchip Production
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Run Description: Item Number:02-02271, Item Name: PCB ASSY, PIC32 Cap Touch CTMU Eval Board, Revision: 2

level	item number	item name	quantity	reference designator	bom notes	vendor	vendor p/n	manufacturer	manufacturer p/n
0	02-02271	PCB ASSY, PIC32 Cap Touch CTMU Eval Board							
1	04-02271	PCB FABRICATION, PIC32 Cap Touch CTMU Eval Board	1						
1	08-00028	LABEL ASSY W/REV LEVEL (SMALL MODULES) PES MTS-0002	1						
1	CAP0013	CAP CER 0.1uF 50V 10% X7R SMD 0805	8	C1, C3, C5, C7, C8, C12, C13, C14					
						Cal-Chip	GMC21X7R104K50NTLF	Cal-Chip	GMC21X7R104K50NTLF
						KEMET	C0805C104M5RAC	KEMET	C0805C104M5RAC
						Digi-Key	311-1140-2-ND	Yageo	0805R104K9B20D
						Digi-Key	399-1169-1-ND	KEMET	C0805C104M5RAC
						NIC Components	NMC0805X7R104K50TRPF	NIC Components	NMC0805X7R104K50TRPF
						Digi-Key	PCC1840TR-ND	Panasonic	ECJ-2YB1H104K
						Digi-Key	587-1279-2-ND	Taiyo Yuden	UMK3212BJ04KG-T
						Mouser	CAP0013	Xicon	CC501B104K
						Digi-Key	399-1170-1-ND	KEMET	C0805C104K5RAC
1	CAP0075	CAP CER 22pF 50V 5% NP0 SMD 0805	2	C10, C11					
						Mouser	CAP0075	Xicon	CC501N220J
						Digi-Key	PCC220CNCCT-ND	Panasonic	ECJ-2VC1H220J
						Digi-Key	709-1172-2-ND	Johanson Dielectrics	500R15N220JV4T
						Digi-Key	311-1103-1-ND	Yageo	0805CG220J9B20
						Digi-Key	BC1260CT-ND	Vishay	VJ0805A220JXACW1BC
1	CAP0092	CAP CER 4.7uF 10V 20% Y5V SMD 0805	1	C4					
1	CAP0171	CAP CER 1uF 16V 10% X7R SMD 0805	1	C18					
						Digi-Key	PCC1842TR-ND	Panasonic	ECJ-2YF1A475Z
						Samsung	CL21B105KONE	Samsung	CL21B105KONE
						Digi-Key	399-1284-4-ND	KEMET	C0805C105K4RAC
						KEMET	C0805C105K4RAC	KEMET	C0805C105K4RAC
1	CAP0410	CAP CER 6.8uF 6.3V 10% X5R SMD 0805	1	C9					
						Digi-Key	399-3136-2-ND	KEMET	C0805C685K9PACTU
1	CON0276	CON USB Mini USB-B Female SMD R/A	1	J5					
						Digi-Key	H2969TR-ND	Hirose	UX60-MB-SST
						Ouplin	8969-B05C00DBU	Ouplin	8969-B05C00DBU
						Digi-Key	H2969CT-ND	Hirose	UX60-MB-SST
1	CON0283	CON HDR-2.54 3A Male 1x6 SMD VERT	1	J1					
						Digi-Key	S1133E-06-ND	Sullins	GBC06SBSN-M89
						Samtec	TSM-106-01-L-SH	Samtec	TSM-106-01-L-SH
1	CON0339	CON TP Male TH VERT	1	TP3					
						Components Corporation	TP-106-01-00	Components Corporation	TP-106-01-00
1	CON0340	CON TP Male TH VERT	2	TP1, TP2					
						Components Corporation	TP-106-01-02	Components Corporation	TP-106-01-02
1	CON0359	CON HDR-2.54 Female 2x6 SMD VERT	1	J2					
1	CON0513	CON HDR-2.54 500V 2A Female 2x24 TH VERT	1	J3/J4					
						Samtec	SSW-106-22-F-D-VS	Samtec	SSW-106-22-F-D-VS
						Digi-Key	929852-01-24-ND	3M	929852-01-24-10
						Ouplin	2246-2*24G00SU	Ouplin	2246-2*24G00SU
1	LED0047	DIO LED RED 2V 30mA 0805	4	D13, D14, D15, D16					
						Digi-Key	67-1552-1-ND	Lumex	SML-LXT0805W-TR
1	LED0063	DIO LED YELLOW 2.1V 30mA 0805	4	D5, D6, D7, D8					
						Digi-Key	67-1554-1-ND	Lumex	SML-LXT0805YW-TR
1	LED0057	DIO LED GREEN 2V 30mA 0805	4	D1, D2, D3, D4					
						Digi-Key	67-1553-1-ND	Lumex	SML-LXT0805GW-TR
						Digi-Key	516-1435-1-ND	Avago Technologies US Inc.	H5MM-C170
1	LED0092	DIO LED ORANGE 2.1V 10mA 0805	4	D9, D10, D11, D12					
						Digi-Key	160-1177-1-ND	Lite-On	LTST-C170AKT
1	MIC0567	MCHP ANA LDO MCP1702-3.3V SOT-23A-3	1	Q1					
						Microchip	MCP1702T-3302E/CB	Microchip	MCP1702T-3302E/CB
1	MIC0614	MCHP MCU 32-Bit PIC32MX250F128D TQFP-44	1	U1	Please refer to the rework instructions that have been appended to the AC323027 item and perform the rework for the VCAP isolation before installing the silicon at the U1 location for the rev 1 PCB revision.				
						Microchip	PIC32MX250F128D-I/PT	Microchip	PIC32MX250F128D-I/PT
						Microchip	PIC32MX250F128DT-I/PT	Microchip	PIC32MX250F128DT-I/PT
1	MISC0101	MISC, BUMPON CYLINDRICAL .375X.250 BLK	4		@Bottom side				
						Mouser	SJ5749-0-ND	3M	SJ61A3
1	OSC0106	CRYSTAL 6MHz 18pF SMD HC49/US	1	Y1					
						Digi-Key	300-8540-1-ND	Citizen Finetech Miyota	HCM49 8.000MABJ-UT
1	RSMT0008	RES TKF 1k 5% 1/8W SMD 0805	4	R19, R20, R21, R22					
						Digi-Key	311-1.0KACT-ND	Yageo	9C08052A1001JLHFT
						Digi-Key	P1.0KATR-ND	Panasonic	ERJ-6GEVJ102V
						Stackpole Electronics Inc	RMCF 1/10 1k 5% TR	Stackpole Electronics Inc	RMCF 1/10 1k 5% TR
						KOA Speer	RK73B2ATTD102J	KOA Speer	RK73B2ATTD102J
						Yageo	9C08052A1001JLPFT	Yageo	9C08052A1001JLPFT
1	RSMT0368	RES TKF 100R 1% 1/8W SMD 0805	1	R17					
						Digi-Key	RHM100CTR-ND	ROHM	MCR10EZHF1000
						Digi-Key	P100CGT-ND	Panasonic	ERJ-6ENF-1000V
						Panasonic	ERJ-6ENF1000V	Panasonic	ERJ-6ENF1000V
1	RSMT0448	RES TKF 10K 1% 1/8W SMD 0805 (Don't Use, Duplicate, Use RSMT0156)	1	R18					
						Digi-Key	311-10.0KCRCT-ND	Yageo	RC0805FR-0710KL
						Digi-Key	RHM10.0KCCT-ND	ROHM	MCR10EZHF1002