

Bill of Materials for UCS1001 Eval Board

BOM-00540-R1



Quantity	Designator	Description_	Manufacturer 1	Manufacturer Part Number 1	Supplier 1	Supplier Part Number 1
2	C1, C2	CAP TANT 10UF 20V 10% 1210	AVX Corporation	TAJB106K020RNJ	Digi-Key	478-1674-1-ND
1	C3	CAP TANT 150UF 10V 10% 2917	AVX Corporation	TPSD157K010R0100	Digi-Key	478-1781-1-ND
1	C4	CAP CER 470PF 50V 10% X7R 0603	Murata Electronics	GRM188R71H471KA01D	Digi-Key	490-1489-1-ND
1	C6	CAP CER 10000PF 50V 10% X7R 0603	Yageo	CC0603KRX7R9BB103	Digi-Key	311-1085-1-ND
1	C7	CAP CER 10UF 10V 10% X7R 0805	Murata Electronics	GRM21BR71A106KE51	Digi-Key	490-3905-1-ND
2	C12, C13	CAP CER 1UF 16V 10% X5R 0603	Yageo	CC0603KRX5R7BB105	Digi-Key	311-1444-1-ND
2	C14, C15	CAP CER 0.1UF 16V 10% X7R 0603	Yageo	CC0603KRX7R7BB104	Digi-Key	311-1088-1-ND
3	EGND1, SGND1, SGND2	PC TEST POINT MINIATURE SMT	Keystone Electronics	5015	Digi-Key	5015KCT-ND
3	FB1, FB2, FB3	RES 0.0 OHM 1/8W JUMP 0805 SMD	Panasonic Electronic	ERJ-6GEY0R00V	Digi-Key	P0.0ACT-ND
2	J1, J6	CONN HEADER 2POS .100 VERT TIN	FCI	77311-118-02LF	Digi-Key	609-4434-ND
1	J2	CONN USB RECEPT R/A TYPE B 4POS	TE Connectivity	292304-1	Digi-Key	A31725-ND
1	J3	CONN POWERJACK MINI R/A T/H	Switchcraft Inc.	RAPC722X	Digi-Key	SC1313-ND
1	J4	CONN HEADER 8POS 2X4 .100 STR 30AU	FCI	68602-108HLF	Digi-Key	609-3362-ND
1	J5	CONN HEADER 4POS .100" DUAL GOLD	FCI	68602-204HLF	Digi-Key	609-3369-ND
1	J7	CONN HEADER 3POS .100 VERT TIN	Molex Inc	0022284030	Digi-Key	WM6403-ND
1	J8	CONN TERM BLOCK 2POS 5MM PCB	Phoenix Contact	1729018	Digi-Key	277-1236-ND
1	L1	CHOKE COMMON MODE 90 OHM 0805	Murata Electronics	DLW21HN900SQ2L	Digi-Key	490-1064-1-ND
1	LED1	LED PURE GREEN 0603 SMD	Stanley Electric Co	BG1111C-TR	Digi-Key	404-1005-1-ND
1	LED2	LED RED CLEAR 0603 SMD	Lite-On Inc	LTST-C190CKT	Digi-Key	160-1181-1-ND
1	P2	CONN RCPT USB TYPE A R/A PCB	FCI	87520-0010BLF	Digi-Key	609-1045-ND
1	Q1	DIODE ESD ARRAY 5.3V TSLP-3-7	Infineon Technologies	ESD5V3U2U-03LRH E6327	Digi-Key	ESD5V3U2U-03LRHE6327INCT-ND
8	R2, R11, R13, R14, R15, R16, R17, R18	RES 0.0 OHM 1/10W JUMP 0603 SMD	Yageo	RC0603JR-070RL	Digi-Key	311-0.0GRCT-ND
1	R4	RES 0.0 OHM 1/10W JUMP 0603 SMD	Panasonic Electronic	ERJ-3GEY0R00V	Digi-Key	P0.0GTR-ND
6	R5, R6, R7, R8, R9, R10	RES 10.0K OHM 1/10W 1% 0603 SMD	Yageo	RC0603FR-0710KL	Digi-Key	311-10.0KHRCT-ND
1	R12	RES 47K OHM 1/10W 1% 0603	Stackpole Electronics Inc	RMCF0603FT47K0	Digi-Key	RMCF1/1647KFRTR-ND
2	R19, R20	RES 470 OHM 1/10W 5% 0603 SMD	Yageo	RC0603JR-07470RL	Digi-Key	311-470GRCT-ND
7	Jumper shunts	SHUNT LP W/HANDLE 2 POS 30AU	TE Connectivity	881545-2	Digi-Key	A26242-ND

Microchip Parts listed below

1	U1	UCS1001	Microchip Technology inc.	UCS1001	Microchip	UCS1001
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Mechanical Parts to be added in the package

4	B1, B2, B3, B4	BUMPON CYLINDRICAL .312X.210 BLK	3M	SJ61A11	Digi-Key	SJ5747-0-ND
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1	5V transformer	ADAPTER WALL R-SERIES 20W 5V	PHIHONG USA	PSAA20R-050	Digi-Key	993-1042-ND
1	AC plug	ADAPTER WALL R-SERIES CLIP US	PHIHONG USA	RPA	Digi-Key	993-1054-ND

Do Not Populate Parts listed below

2	C9, C11					

Approved Notes

