



Board Station BOM file Unity X4

date : Thursday February 24, 2000; 2:42:11 PM

Variant : Stuff

NO POP - P3

NO POP - CR2, CR3, CR7 (Item 7)

NO POP - R35 (sets PCI to 40 ohm)

Voltage setting is 2.0V

8245 UnityX4 Bill of Materials

Last update 10/03/01

ITEM_NO	COMPANY	PART NO.	GEOMETRY	COUNT	DESCRIPTION	REFERENCE
		M99UNITY X4		1	PCB	
1		05085C104MA11A	cc0508	4	cap, 0.1uF, AVX	C1 C2 C3 C4
2		0603YC104JAT2A	cc0603	31	cap, 0.1uF, AVX	C6 C7 C8 C9 C10 C11 C12 C13 C14 C15 C16 C17 C18 C19 C20 C21 C22 C23 C24 C25 C26 C27 C28 C29 C30 C31 C32 C33 C34 C35 C36
3		103167-2	header_ra_2x5	1	header.ra.2x5, AMP	J5
4		103309-3	header_riscwatch	1	header.2x8, AMP	J4
5		120527-1	plug2x32_amp_fh	2	conn.2x32.ieee1386, AMP	P1 P2
6		293D476X9016D2T	cct7343	4	cap_tant, 47uF, SPRAGUE	C44 C45 C46 C47
7		30BF10	smb_403	3	30BF10.smc, IR	CR2 CR3 CR7
8		390114-1	conn_2x72_sodimm_rta	1	conn.2x72.sodimm.rta, AMP	J3
9		4K16T-002-1002FAD	so16	3	bussed_res_16p, 10K, bourns Note alternated mfg approved parts okay	RN1 RN3 RN4
10		4sp820m 94SP827X0004FB2	radial_200_lytic	2	cap_lytic, 820uF, Sanyo Sub for item 10 (Vishay Spague)	C48 C49
11		597-5112-40X	led_0603	6	led, Dialight	D1 D2 D3 D4 D5 D6
12		6SP68M 94SP686X06R3CBP	lytic_case_c	2	cap_lytic, 68uF, Sanyo Sub for item 12 (Vishay Spague)	C50 C51
13		AM29LV800BB90EC	tsop48w	2	am29lv800bb90ec.tsop48w, AMD	U4 U7
14		CJ10-000J	rc0603	4	res, 0, Rohm	R2, R3, R4, R5
15		CR10-101J	rc0603	2	res, 100, Rohm	R9 R10
16		CR10-102J	rc0603	1	res, 1K, Rohm	R11



17	CR10-220J	rc0603	2	res, 22, Rohm	R7 R8
18	218-8LPST	sw_som16	2	sw.8spst.cts, CTS	SW2 SW3
19	DS1834S	so8	1	ds1834s.so8, DALLAS SEMI.	U1
20	GRM39COG101J050AD	cc0603	1	cap, 100pF, muRATA	C5
21	IHSM-5832_1.2uH_15%	induct_1.0uH_smd	1	inductor, 1.2uH, Dale, Gowanda	L1
22	IS24C02-3G	so8	1	is24c02-3g.so8, ISSI	U3
23	JMK107F225ZA	cc0603	6	cap, 2.2uF, TAIYO_YUDEN	C37 C38 C39 C40 C41 C42
24	LMK107F105ZA	cc0603	1	cap, 1.0uF, TAIYO_YUDEN	C43
25	MAX211CAI	ssop28	1	max211cai.ssop28, MAXIM	U8
26	MBRS140T3	smb_403a	1	mbrs140t3.smb, MOT	CR8
27	MBRS340T3	smb_403	2	mbrs340t3.smb, MOT	CR4 CR6
28	MMSZ6V2T1	sod_123	1	MMSZ6V2T1.sod123, Motorola	CR9
29	MNR14-EOAB-J-102	rnet1632	3	rnet, 1K, Rohm	RN10 RN11 RN17
30	MNR14-EOAB-J-103	rnet1632	2	rnpullup_3.3v, 10K, Rohm	RN14 RN16
31	MNR14-EOAB-J-220	rnet1632	8	rnet, 22, Rohm	RN8 RN9 RN12 RN13 RN15 RN18 RN19 RN20
32	MPC8240_II	tbga352	1	mpc8240_ii.memory.1of4.tbga352, Motorola	U2
33	MTD20N03HDL	dpak_smd	2	mtd20n03hdl.dpak, Motorola	Q1 Q2
34	QS3257Q	qsop16	1	qs3257.qsop16, QUALITY_SEMI	U9
35	RC5051M	sol20	1	rc5051m.so20, Raytheon	U10
36	RK73H2AT42R2F	rc0805	3	res, 42.2, KOA	R39 R40 R41
37	RM73B1JT100J	rc0603	3	res, 10, KOA	R24 R25 R26
38	RM731JT101J	rc0603	1	res, 100, KOA	R31
39	RM73B1JT102J	rc0603	9	res, 1K, KOA	R14 R15 R16 R17 R27 R28 R30 R34 R36 R37
40	RM73B1JT221J	rc0603	6	res, 220, KOA	R18 R19 R20 R21 R22 R23
41	RM73B3AT000J	rc2512	1	res, 0, KOA	R43
42	TP12SH9ABE	sw_th_spdt	1	sw.1spdt, C&K	SW1
43	WSL2512R010F	rc2512	1	res, 0.010, DALE	R44
44	ispGAL22LV10-15LK	ssop28	1	ispGAL22LV10.ssop28, LATTICE	U6