



Board Station BOM file
date : Thursday August 2, 2001; 16:08:26
Variant : No_Stuff

MVP-X2 BOM
Updated on 08/03/01 9:14 am

REFERENCE	ITEM_NO	COMPANY PART NO.	COUNT	DESCRIPTION	GEOMETRY
	1		1		outline
C54 C55 C56 C57	2	05085C103MA11A	13	cap, 0.01uF, AVX	cc0508
C58 C59 C60 C61					
C62 C63 C64 C65					
C66					
C67 C68 C69 C70	3	05085C104MA11A	129	cap, 0.1uF, AVX	cc0508
C71 C72 C73 C74					
C75 C76 C77 C78					
C79 C80 C81 C82					
C83 C84 C85 C86					
C87 C88 C89 C90					
C91 C92 C93 C94					
C95 C96 C97 C98					
C99 C100 C101 C102					
C103 C104 C105					
C106 C107 C108					
C109 C110 C111					
C112 C113 C114					
C115 C116 C117					
C118 C119 C120					
C121 C122 C123					
C124 C125 C126					
C127 C128 C129					
C130 C131 C132					
C133 C134 C135					
C136 C137 C138					
C139 C140 C141					
C142 C143 C144					
C145 C146 C147					
C148 C149 C150					



C151 C152 C153
C154 C155 C156
C157 C158 C159
C160 C161 C162
C163 C164 C165
C166 C167 C168
C169 C170 C171
C172 C173 C174
C175 C176 C177
C178 C179 C180
C181 C182 C183
C184 C185 C186
C187 C188 C189
C190 C191 C331
C332 C333 C334
C288 C289 C350
C351 C352 C353
C354 C355 C356
C357
C202 C203 C204
C205 C206 C207
C208 C209 C210
C211 C212 C213
C214 C215 C216
C217 C218 C219
C220 C221 C222
C223 C224 C225
C226 C227 C228
C229 C230 C231
C232 C233 C234
C235 C236 C237
C238 C239 C240
C241 C242 C243
C244 C245 C246
C247 C248 C249
C250 C251 C252
C253 C254 C255

4

0603YC103JAT2A

10

cap, 0.01uF, AVX

cc0603

5

0603YC104JAT2A

85

cap, 0.1uF, AVX

cc0603

C256 C257 C258
 C259 C260 C261
 C262 C263 C264
 C265 C266 C267
 C268 C269 C270
 C271 C272 C273
 C274 C275 C276
 C277 C278 C279
 C280 C282 C283
 C284 C285 C286
 C287

J17 J18	6	1-102973-5	2	header.2x5, AMP	header_2x5
J16	7	1-102973-7	1	header.2x17, AMP	header_2x17
J15 J30	8	102972-2	2	header.1x2, AMP	header_1x2
J13 J14	9	102972-3	2	header.1x3, AMP	header_1x3
J11 J12	10	103309-3	2	header.2x8, AMP	header_riscwatch
J9 J10	11	103309-8	2	header.vertical.shrouded.2x20, AMP	header_2x20_shrouded
	12	105-1089-00	5	Latch_Housing_Tektronix	
J19	13	1063	1	conn.battery, Keystone	conn_battery
J27	14	1116353-5	1	conn.rj45_w_led.dual.ra, AMP	rj45led_dual_ra
J23 J24	15	145154-4	2	pciconn_univ_32bit_block, AMP	conamp_145154_4
J25 J26	16	145165-8	2	pciconn_univ_64bit_block, AMP	conamp_3.3v_145165
SW4 SW5 SW6 SW7	17	218-8LPST	4	sw.8spst.cts, CTS	sw_som16
C18 C329	18	293D226X9016C2T	2	cap_tant, 22uF, SPRAGUE	cct6032
C19 C20 C21 C22	19	293D476X9016D2T	13	cap_tant, 47uF, SPRAGUE	cct7343
C23 C24 C25 C26					
C27 C28 C29 C348					
C349	20	33-20194	2	Socket	
J8	21	39-29-3206	1	atxpwr_2x10vert_nopeg, Molex	atxpwr_2x10_vert
J28 J29	22	390074-6	2	conn.dimm168.vert, AMP	conn2x84_vert_dimm_skt
J22	23	440173-3	1	conn.din6.dual.stacked.ra, AMP	conn_dual_stacked_din
C2 C1 C3 C4	24	4sp820m	4	cap_lytic, 820uF, Sanyo	radial_200_lytic
D1 D2 D3 D4 D5 D6	25	597-5112-40X	15	led, Dialight	led_0603
D7 D8 D9 D10 D11					
D12 D13 D14 D15					
C5 C6 C7 C8	26	6sp680m	4	cap_lytic, 680uF, Sanyo	radial_200_lytic

U33 U34	27	74ALVCH16373DGG	2	74alvch16373.tssop48, TI	tssop48
U17	28	74LVT244APW	1	74lvt244.tssop20, Phillips	tssop20
J21	29	750594-4	1	conn.db9.rec.dual.stacked.ra, AMP	conn_dual_stacked_db9
J3 J4 J5 J6 J7	30	767054-1	5	conn.mictor.38, Amp	conn_mictor38
J20	31	787617-1	1	conn.usb.dual.stacked.ra, AMP	usb_dual_ra
U13 U14 U15 U16	32	AM29LV641DH120REI	4	am29lv641d.tsop48w, AMD	tsop48w
U31 U32	33	CS51313GD16	2	cs51313d16.son16, Cherry Semiconductor	so16
C320 C321 C322	34	DE0805B102K2K	8	cap_hv, 1000pf, muRATA	radial_d315_c200
C323 C324 C325					
C326 C327					
U23 U24	35	DS1834S	2	ds1834s.so8, DALLASSEMI.	so8
Y3	36	ECPSM310T1_32_768KTR	1	smdxtal_32kHz, Ecliptek	sm_xtal_4p
U4 U5	37	EPM7128BTC100-4	2	epm7128btc100.tqfp100, ALTERA	tqfp100
F2 F3 FB1 FB2 FB3	38	EXCCL4532U1	24	excccl4532.smd, KOA	induct_4532
FB4 FB5 FB6 FB7					
FB8 FB9 FB10 FB11					
FB12 FB13 FB14					
FB15 FB16 FB17					
FB18 FB19 FB20					
FB21 FB22					
Q5 Q6 Q7 Q8	39	FS70VSJ03	4	fs70vsj03.to220s, Mitsubishi	sm_to220s
J1 J2	40	FTR-125-01-S-D	2	header_2x25_05sp, Samtec	header_2x25_05sp_smt
U3	41	GD64260	1	gt64260.1of7.cpu.bga665, Galileo	pbga_665
C198 C199	42	GRM39COG101J050AD	2	cap, 100pF, muRATA	cc0603
C330	43	GRM39COG221J050AD	1	cap, 220pF, muRATA	cc0603
C193 C194 C195	44	GRM39COG330J050AD	5	cap, 33pF, muRATA	cc0603
C196 C197					
C316 C317 C318	45	GRM39X7R271K050BD	4	cap, 270pF, muRATA	cc0603
C319					
C200 C201	46	GRM39X7R681J050AD	2	cap, 680pF, muRATA	cc0603
L3 L4	47	HM11-21001	2	inductor, 1.4uH, BI	induct_rad_10x25
L1 L2	48	IHSM-5832_1.2uH_15%	2	inductor, 1.2uH, Dale	induct_1.0uH_smd
U12	49	IS24C02-3G	1	is24c02-3g.so8, ISSI	so8
C290 C292 C293	50	JMK107F225ZA	6	cap, 2.2uF, TAIYO_YUDEN	cc0603
C295 C296 C335					
U8 U9 U10 U11	51	K7A803609A-20	4	k7a803609a-xx.bga119, SAMSUNG	pbga_7x17
C281 C336 C337	52	LL0508X7R104M025AL	12	cap, 0.1uF, AVX	cc0508

C338 C339 C340					
C341 C342 C343					
C344 C345 C346					
U30	53	LM87CIMT	1	lm87cimt.tssop24, National Semiconductor	tssop24_pw
C299 C300 C301	54	LMK107F105ZA	14	cap, 1.0uF, TAIYO_YUDEN	cc0603
C302 C303 C304					
C305 C306 C307					
C308 C309 C310					
C311 C312					
U21 U22	55	LXT971BC	2	lxt971bc.pbga64, LEVEL ONE	pbga_64
U19 U20	56	MAX211CAI	2	max211cai.ssop28, MAXIM	ssop28
CR3 CR4	57	MBRS140T3	2	mbrs140t3.smb, MOT	smb_403a
C313 C314 C315	58	MCH21-5-C-100-J-K	3	cap, 10pF, Rohm	cc0805
R201 R202 R203	59	MCR03-EZH-F-49R9	16	res, 49.9, Rohm	rc0603
R204 R205 R206					
R207 R208 R209					
R210 R211 R212					
R213 R214 R215					
R216					
R29 R30 R31 R32	60	MCR10-EZHM-FX-1780	7	res, 178, Rohm	rc0805
R33 R112 R272					
R27 R28	61	MCR10-EZHM-FX-2212	2	res, 22.1K, Rohm	rc0805
R52 R53	62	MCR10-EZHM-J-100	2	res, 10, Rohm	rc0805
R249 R250	63	MCR10-EZHM-J-102	2	res, 1K, Rohm	rc0805
R36 R37 R39 R40	64	MCR10-EZHM-J-472	8	res, 4.7K, Rohm	rc0805
R41 R42 R43 R44					
R54	65	MCR10-EZHM-J-5R0	1	res, 5, Rohm	rc0805
R240	66	MCR18-EZHM-JW-100	1	res, 10, Rohm	rc1206
U29	67	MIC2526-2	1	mic2526_2.so8, MICREL	so8
CR1 CR2	68	MMSZ6V2T1	2	MMSZ6V2T1.sod123, Motorola	sod_123
RN40 RN41 RN42	69	MNR14-EOAB-J-220	9	rnet, 22, Rohm	rnet1632
RN43 RN44 RN45					
RN46 RN47 RN48					
RN28 RN29 RN30	70	MNR14-EOAB-J-330	12	rnet, 33, Rohm	rnet1632
RN31 RN32 RN33					

RN34 RN35 RN36					
RN37 RN38 RN39					
U1 U2	71	MPC7450	2	mpc7450.cpu.1of3.cbga483, Motorola	cbga_483
U27	72	MPC961C	1	mpc961c.lqfp32, Motorola	lqfp32
U26	73	MPC972FA	1	mpc972.tqfp52, Motorola	tqfp52
Q1 Q2 Q3 Q4	74	MTD20N03HDL	4	mtd20n03hdl.dpak, Motorola	dpak_smd
T1 T2	75	NPI6120-30	2	npi6120-30.xfmr_14p, NANOPULSE	xfmr_14p
SW1 SW2 SW3	76	PTS125SK43	3	sw.1spst, C&K	switch4p
U6 U7	77	RC5051M	2	rc5051m.so20, Raytheon	sol20
R5 R6 R7 R8 R167	78	RM73B1JT000J	34	res, 0, KOA	rc0603
R168 R169 R170					
R171 R172 R173					
R174 R175 R176					
R177 R178 R180					
R182 R183 R184					
R185 R186 R187					
R270 R271 R278					
R279 R280 R281					
R282 R283 R284					
R285 R286					
R141 R142 R144	79	RM73B1JT100J	6	res, 10, KOA	rc0603
R145 R146 R147					
R132 R133 R134	80	RM73B1JT101J	11	res, 100, KOA	rc0603
R135 R136 R137					
R138 R140 R234					
R261 R273					
R2 R115 R116 R117	81	RM73B1JT102J	19	res, 1K, KOA	rc0603
R118 R119 R120					
R121 R122 R123					
R124 R125 R126					
R127 R128 R129					
R130 R131 R139					
R34 R35 R55 R56	82	RM73B1JT103J	10	res, 10K, KOA	rc0603
R57 R58 R60 R61					
R62 R63					
R59 R64	83	RM73B1JT104J	2	res, 100K, KOA	rc0603
R148 R149 R150	84	RM73B1JT220J	4	res, 22, KOA	rc0603

R264					
R79 R80 R81 R82	85	RM73B1JT221J	15	res, 220, KOA	rc0603
R83 R84 R85 R86					
R88 R89 R90 R91					
R239 R274 R277					
R67 R251 R252 R253	86	RM73B1JT272J	9	res, 2.7K, KOA	rc0603
R254 R255 R256					
R257 R258					
R68 R69 R71 R72	87	RM73B1JT301J	12	res, 300, KOA	rc0603
R74 R75 R77 R231					
R232 R233 R259					
R260					
R113	88	RM73B1JT330J	1	res, 33, KOA	rc0603
R3 R87 R275 R276	89	RM73B1JT331J	4	res, 330, KOA	rc0603
R101 R102 R103	90	RM73B1JT430J	10	res, 43, KOA	rc0603
R104 R105 R106					
R107 R108 R109					
R262					
R219 R220 R221	91	RM73B1JT471J	8	res, 470, KOA	rc0603
R222 R223 R224					
R225 R226					
R65 R66	92	RM73B1JT472J	2	res, 4.7K, KOA	rc0603
R98 R99 R100 R110	93	RM73B1JT510J	6	res, 51, KOA	rc0603
R111 R263					
R227 R228 R229	94	RM73B1JT511J	4	res, 510, KOA	rc0603
R230					
R92 R93 R94 R95	95	RM73B1JT750J	6	res, 75, KOA	rc0603
R96 R97					
R235	96	RM73B3AT000J	1	res, 0, KOA	rc2512
RN18 RN19 RN20	97	RNA4A8E103JT	13	rnpullup_3.3v.rna4a, 10K, AVX	rna4a
RN21 RN22 RN23					
RN24 RN25 RN26					
RN49 RN50 RN51					
RN52					
RN1 RN2 RN3 RN4	98	RNA4A8E103JT	12	rnpullup_ovdd.rna4a, 10K, AVX	rna4a
RN5 RN6 RN7 RN8					
RN9 RN10 RN11 RN59					

RN12 RN13 RN14 RN15 RN16 RN17 RN55 RN56 RN57 RN58 RN53 RN54	99	RNA4A8E103JT	10	rnpullup_vcc5.rna4a, 10K, AVX	rna4a
Y2	100	RNA4A8E472JT	2	rnpullup_vcc5.rna4a, 4.7K, AVX	rna4a
Y5	101	SG615P-14.318	1	osc.smd-sg8002ja, 14.318MHz	osc_smd-sg8002ja
Y4	102	SG615P-25.000	1	osc.smd-sg8002ja, 25.000MHz, EPSON	osc_smd-sg8002ja
Y1	103	SG615P-33.000	1	osc.smd-sg8002ja, 33.000MHz, EPSON	osc_smd-sg8002ja
R217 R218	104	SG615P-48.000	1	osc.smd-sg8002ja, 48.000MHz, EPSON	osc_smd-sg8002ja
F1 F4	105	SL1TE5LGOF	2	res, 0.0028, KOA	rc2512
U28	106	SMD100	2	ptc_smd100, RAYCHEM	sm_case_c
C30 C31 C32 C33	107	SN74CBTLV1G125DBV	1	74cbtlv1g125dbv.so5, TI	sop5
C34 C35 C36 C37	108	T510X477M006AS	24	cap_tant, 470uF, Kemet	cct_casee
C38 C39 C40 C41					
C42 C43 C44 C45					
C46 C47 C48 C49					
C50 C51 C52 C53					
G1 G2 G3 G4	109	TP-105-01-00	4	tp.black, Components Corporation	tp025
C9 C10 C11 C12 C13	110	UWX1C470MCR	10	cap_lytic, 47uF, Nichicon	lytic_case250_smd
C14 C15 C16 C17					
C328					
U18	111	VT82C586B	1	vt82c586b.1of2.pqfp208, VIA	pqfp208
R25 R26	112	WSL2512R010F	2	res, 0.010, DALE	rc2512
U25	113	w185	1	w185.ssop24, CYPRESS	ssop24