



# Board Station BOM file  
# date : Friday January 24, 2003; 13:5:20:00 PM  
# Variant : No\_Stuff

**Valis Rev. X3 BOM**  
**Updated on 04/01/03**

**For 755 Processor Build Only. Add wire to C65 side facing U8 to R88 via on Back Side.**

ITEM_NO	COMPANY PART NO.	GEOMETRY	COUNT	DESCRIPTION	REFERENCE
1		outline	1		
2	05085C104MA11A	cc0508	7	cap, 0.1uF	C18 C20 C21 C26 C27 C30 C31
3	0603YC104JAT2A	cc0603	20	cap, 0.1uF	C29 C32 C34 C44 C56 C57 C58 C61 C62 C63 C67 C71 C72 C74 C75 C78 C92 C93 C99 C135
4	102972-3	header_1x3	1	header.1x3	J4
5	103309-3	header_riscwatch	1	header.2x8	J8
6	105-1089-00		5	Latch_Housing_Tektronix	
7	120527-1	plug2x32_amp_fh	3	conn.2x32.ieee1386	P1 P2 P3
8	218-8LPST	sw_som16	3	sw.8spst.cts	SW1 SW2 SW3
9	293D476X9016D2T	cct7343	5	cap_tant, 47uF	C28 C33 C64 C119 C120
10	33-20194	NO POP	1	Socket	Do not install
11	597-5112-40X	led_0603	12	led	D1 D2 D3 D4 D5 D6 D7 D8 SYS1 SYS2 SYS3 SYS4
12	767054-1	conn_mictor38	5	conn.mictor.38	J1 J3 J5 J6 J7
13	AM29DL323DB90EI	tsop48w	2	am29dl323cb90ei.tsop48w	U8 U9
14	CHAPARRAL (Ivan will Provide)	tbga_25x25	1	chap.memory.1of5.bga504	U15
15	EEFUE0E221R	cc_7.3x4.3_ue	12	cap_tant, 220uF	C7 C8 C19 C22 C39 C40 C122 C123 C131 C132 C133 C134
16	EMK107F224ZA	cc0603	1	cap, .22uF	C113
17	EPM7128BTC100-4	tqfp100	1	epm7128btc100.tqfp100	U12
18	ERJM1WTJ1M5U	rc2512	1	res, 1.5mohm	R108
19	ETQP6F0R6BFA	inductor_12.5x12.5	1	inductor, 0.68uH	L1



20	GRM39COG470J050AD	cc0603	1	cap, 47pF	C117
21	GRM39X7R104J016AD	cc0603	12	cap, 0.1uF	C49 C50 C51 C52 C65 C73 C79 C97 C101 C110 C114 C118 Q2 Q3 Q1 Q4 U1 U2 C42 C43 C94 C100 C106 C107 C124 C125 U3 U4 U5 U6 U7 C15 C16 C17 C23 C24 C25 C53 C54 C55 C104 C109 U19 CR1 CR2 C2 C1 C3 C4 C5 C6 C9 C10 C11 C12 C13 C14 C35 C36 C37 C38 C41 C45 C46 C47 C48 C59 C60 C66 C68 C69 C70 C76 C77 C80 C81 C82 C83 C84 C85 C86 C87 C88 C89 C90 C91 C95 C96 C98 C102 C103 C105 C108 C111 C112 C115 C116 C127 C128 C121 C126 U17 U18 R69 R71 R76 R79 R91 R92 R59 R83 R90
22	IRF6604	irf6604	2	irf66xx.dirfet	
23	IRF6607	irf6607	2	irf66xx.dirfet	
24	IS24C02-3G	so8	2	is24c02-3g.so8	
25	JMK107F225ZA	cc0603	8	cap, 2.2uF	
26	K4S561632B-TC75	tsop54	5	sdram.sdr.jedec.tsop54	
27	LMK107F105ZA	cc0603	11	cap, 1.0uF	
28	MAX1813EEI	ssop28_pit635mm	1	max1813eei.qsop28	
29	MBRS140T3	smb_403a	1	mbrs140t3.smb	
30	MBRS340T3	smb_403	1	mbrs340t3.smb	
31	MCCA104K0NRT	cc0402	54	cap, 0.1uF	
32	MCCE102KONRT	cc0402	2	cap, 1000pF	
33	K7D803671B-HC2500	pbga_9x17	2	mcm64e836.bga	
34	MCR03-EZH-F-2490	rc0603	6	res, 249	
35	MCR10-EZHM-J-100	rc0805	3	res, 10	



36	MCR10-EZHM-J-101	rc0805	1	res, 100	R22
37	MIC29152BU	to263_5p	3	mic29152bu.to263_5	U10 U13 U14
38	MNR14-EOAB-J-330	rnet1632	7	rnet, 33	RN3 RN5 RN6 RN7 RN8 RN10 RN11
39	MPC7457 (Ivan will Provide)	cbga_483	1	mpc745x.cpu.1of3.cbga483	U16
40	QS3257Q	qsop16	1	qs3257.qsop16	U11
41	RC73L2Z000JT	rc0402	3	res, 0	R75 R80 R94
42	RC73L2Z101JT	rc0402	7	res, 100	R25 R44 R53 R58 R88 R93 R109
43	RC73L2Z102JT	rc0402	10	res, 1K	R23 R33 R34 R45 R49 R50 R51 R52 R77 R107
44	RC73L2Z103JT	rc0402	3	res, 10K	R63 R70 R81
45	RC73L2Z104JT	rc0402	6	res, 100K	R64 R65 R66 R67 R68 R84
46	RC73L2Z124JT	rc0402	1	res, 120K	R89
47	RC73L2Z154JT	rc0402	1	res, 150K	R86
48	RC73L2Z200JT	rc0402	1	res, 20	R82
49	RC73L2Z221JT	rc0402	1	res, 220	R55
50	RC73L2Z270JT	rc0402	1	res, 27	R48
51	RC73L2Z330JT	rc0402	4	res, 33	R46 R72 R73 R101
52	RC73L2Z331JT	rc0402	16	res, 330	R29 R30 R31 R32 R37 R38 R39 R40 R54 R74 R78 R96 R103 R104 R105 R106
53	RC73L2Z390JT	rc0402	12	res, 39	R1 R2 R3 R4 R5 R6 R7 R8 R9 R10 R11 R12
54	RC73L2Z820JT	rc0402	1	res, 82	R27
55	RM73B1JT000J	rc0603	9	res, 0	R42 R56 R60 R61 R85 R87 R98 R99 R102
56	RM73B1JT000J	rc1210	2	res, 0	R35, R36
57	RM73B1JT102J	rc0603	2	res, 1K	R24 R26
58	RM73B1JT330J	rc0603	5	res, 33	R28 R41 R43 R47 R62



59	RM73B1JT471J	rc0603	2	res, 470	R13 R21
60	RNA4A8E472JT	rna4a	5	rnpullup_3.3v.rna4a, 4.7K	RN1 RN2 RN4 RN9 RN15
61	RNA4A8E472JT	rna4a	7	rnpullup_ovdd.rna4a, 4.7K	RN12 RN13 RN14 RN16 RN17 RN18 RN19
62	TMK432BJ106MM	cc1812	7	cap, 10uF	C129 C130 C136 C137 C138 C139 C140
63	RC73L2Z000JT	rc0402	10	res, 0 ohm	R95