



# Board Station BOM file  
 # date : Wednesday September 6, 2000; 16:04:09  
 # Variant : No\_Stuff #

**AILTIMUS REV X3**  
**7400/107 PMC**  
 Updated on 11/28/2000

**Modified for MPC7400P Processor**  
**This BOM reflects VDD=1.8V and VIO=3.3V**

REFERENCE	ITEM	COMPANY PART NO.	COUNT	DESCRIPTION	GEOMETRY
		<b>MPMCMAX Rev. X3</b>		<b>PCB</b>	
C2 C3 C4 C5 C6 C8 C9 C10 C11 C12 C13 C14 C15 C16 C17 C18 C92	<b>2</b>	05085C104MA11A	<b>17</b>	cap, AVX	cc0508
C20 C21 C22 C23 C25 C28 C31 C32 C33 C34 C36 C37 C38 C39 C41 C42 C43 C45 C46 C47 C48 C50 C51 C52 C53 C54 C55 C56 C57 C58 C59 C60 C61 C62 C63 C64 C65 C66 C67 C83 C84 C85 C86 C87 C88 C89 C90 C91	<b>3</b>	0603YC104JAT2A	<b>48</b>	cap, AVX	cc0603
J9	<b>4</b>	103309-3	<b>1</b>	header.2x8, AMP	header_riscwatch
	<b>5</b>	105-1089-00	<b>5</b>	Latch_Housing_Tektronix	
P1 P2	<b>6</b>	120527-1	<b>2</b>	conn.2x32.ieee1386, AMP	plug2x32_amp_fh



C80 C81 C82	7	1206YC105MAT2A	3	cap, AVX	cc1206
C27	8	293D107X96R3D2T	1	cap_tant, SPRAGUE	cct7343
C30 C35 C40 C44 C49	9	293D476X9016D2T	5	cap_tant, SPRAGUE	cct7343
C24 C26 C29	10	4sp820m	3	cap_lytic, Sanyo	radial_200_lytic
OVDD PCI RAM ROM	11	597-5112-40X	8	led, Dialight	led_0603
STAT V25 VCH VCOR					
C7 C94	12	6sp680m	2	cap_lytic, Sanyo	radial_200_lytic
U11	13	74VCX16244MTD	1	74vcx16244.tssop48, FAIRCHILD	tssop48
J3 J4 J5 J6 J7	14	767054-1	5	conn.mictor.38, Amp	conn_mictor38
U3 U4	15	AM29DL323CB90EI	2	am29dl323cb90ei.tsop48w, AMD	tsop48w
U9	16	CHAPARRAL	1	chap.memory.1of5.bga504, Motorola	tbga_25x25
R35 R36 R60 R14 R16	17	CJ10-000J	5	res, Rohm	rc0603
R56 R57 R58 R59	18	CR10-100J	4	res, Rohm	rc0603
R45 R46 R64 R75	19	CR10-101J	4	res, Rohm	rc0603
R29 R30 R47 R48 R65	20	CR10-102J	5	res, Rohm	rc0603
R49 R50 R51 R52 R76 R77 R78 R79 R80	21	CR10-220J	9	res, Rohm	rc0603

R68 R69 R85 R86	<b>22</b>	CR10-2491F	<b>4</b>	res, Rohm	rc0603
SW1 SW2	<b>23</b>	CTS218-08LPST	<b>2</b>	sw.8spst.cts, CTS	sw_som16
C19	<b>24</b>	ECE-A1CGE100	<b>1</b>	cap_lytic, Panasonic	lytic_case_a
L2	<b>27</b>	IHSM-5832_1.2uH_15%	<b>1</b>	inductor, Dale	induct_1.0uH_smd
U29 U30	<b>28</b>	IS24C02-3G	<b>2</b>	is24c02-3g.so8, ISSI	so8
C68 C69 C70 C71 C72 C73 C74 C75 C76 C77 C78	<b>29</b>	JMK107F225ZA	<b>11</b>	cap, TAIYO_YUDEN	cc0603
U14 U15 U16 U17 U18	<b>30</b>	K4S281632B-TC-L1H	<b>5</b>	s dram.2Mx16x4.tsop54, SAMSUNG	tsop54
U8	<b>31</b>	LT1118CS8-2.5	<b>1</b>	lt1118cs8_2.5.so8, Linear Tech.	so8
CR2	<b>33</b>	MBRS340T3	<b>1</b>	mbrs340t3.smb, MOT	smb_403
C79	<b>34</b>	MCH21-5-C-101-J-K	<b>1</b>	cap, Rohm	cc0805
U12 U13	<b>35</b>	MCM69R737ZP6	<b>2</b>	mcm69pr737zp.bga.pp, MOTOROLA	pbga_7x17
R66	<b>36</b>	MCR10-EZHM-J-102	<b>1</b>	res, Rohm	rc0805
R34	<b>38</b>	MCR10-EZHM-J-5R0	<b>1</b>	res, Rohm	rc0805
CR1	<b>40</b>	MMSZ6V2T1	<b>1</b>	MMSZ6V2T1.sod123, Motorola	sod_123
RN6 RN7 RN8 RN9 RN10 RN11 RN12	<b>41</b>	MNR14-EOAB-J-220	<b>7</b>	rnet, Rohm	rnet1632
U5	<b>42</b>	MPC7400	<b>1</b>	MPC7400_Cache, Motorola	cbga_19x19_apple



Q1 Q2	<b>43</b>	MTB75N03HDL	<b>2</b>	mtb75n03hdl.d2pak, Motorola	dpak2_smd
U2	<b>44</b>	QS3257Q	<b>1</b>	qs3257.qsop16, QUALITY_SEMI	qsop16
U6	<b>45</b>	RC5051M	<b>1</b>	rc5051m.so20, Raytheon	sol20
R67	<b>46</b>	RM73B1JT101J	<b>1</b>	res, KOA	rc0603
R18 R19 R61 R62 R63	<b>47</b>	RM73B1JT102J	<b>5</b>	res, KOA	rc0603
R39	<b>48</b>	RM73B1JT103J	<b>1</b>	res, KOA	rc0603
R20 R23 R24 R25 R26 R27 R28 R87	<b>49</b>	RM73B1JT161J	<b>8</b>	res, KOA	rc0603
R31 R32 R33	<b>50</b>	RM73B1JT301J	<b>3</b>	res, KOA	rc0603
R21 R22	<b>51</b>	RM73B1JT472J	<b>2</b>	res, KOA	rc0603
R44 R71 R72	<b>52</b>	RM73B2ET000J	<b>3</b>	res, KOA	rc1210
R17	<b>53</b>	RM73B3AT000J	<b>1</b>	res, KOA	rc2512
RN2 RN3 RN4 RN14 RN15	<b>54</b>	RNA4A8E103JT	<b>5</b>	rnpullup_ovdd.rna4a, AVX	rna4a
RN1 RN5 RN13 RN16 RN17	<b>55</b>	RNA4A8E103JT	<b>5</b>	rnpullup_3.3v.rna4a, AVX	rna4a
J2	<b>56</b>	TSW-108-08-G-S-005	<b>1</b>	header.1x8.isp, Samtec	header_1x8_isp
R41	<b>57</b>	WSL2512R010F	<b>1</b>	res, DALE	rc2512
U1	<b>58</b>	ispGAL22LV10-15LK	<b>1</b>	ispGAL22LV10.ssop28, LATTICE	ssop28

