



xPC563MADPT208S Rev. A.0 Component List May 12, 2008

Components On Top

Description	Quantity	Mounting Style	Designator	Manufacture Part Number
2X1 Pin Straight Header, 0.1" Thru-hole	7	0.1" Thru-hole	J3, J4, J13, J14, J15, J11, J19	Singatron: 2201-02-S-02-6.0/3.0
8X1 Pin Straight Header, 0.1" Thru-hole	1	0.1" Thru-hole	J12	Singatron: 2201-08-S-02-6.0/3.0
3X1 Pin Straight Header, 0.1" Thru-hole	5	0.1" Thru-hole	J7, J8, J9, J17, J18	Singatron: 2201-03-S-02-6.0/3.0
2X2 Pin Straight Header, 0.1" Thru-hole	1	0.1" Thru-hole	J10	Singatron: 2201-04-S-02-6.0/3.0
7X2 Pin Straight Header, 0.1" Thru-hole	1	7X2 PIN HEADER	J5	Singatron: 2201-14-S-02-6.0/3.0
NEXUS CONNECTOR(MICTOR)	1	AMP 38 PIN	J6	TYCO: 2-5767004-2
Capacitor 100uF 6.3V Tantalum	1	CAP EIA B	C40	Kemet: B45196H1107M209
Capacitor 0.1uF 25V (X7R)Ceramic	9	RES 0603	C16, C21, C23, C25, C27, C29, C31, C3	Murata: GRM188R71E104KA01D
Capacitor 10uF 16V Tantalum	8	CAP EIA B	C4, C11, C44, C46, C48, C50, C54, C56	293D106X9016B2TE3
Capacitor 1nF 25V (X7R)Ceramic	1	RES 0603	C32	AVX: 06035C102KAT2A
Capacitor 0.22uF 25V (X7R)Ceramic	1	RES 0603	C59	AVX: 06033A224JAT2A
Capacitor 22pF 50V (NPO)Ceramic	2	RES 0603	C8, C9	AVX: 06035A220JAT2A
5 Watt 5.6V Surface Mount Zener Diode	1	DO-214AA	D1	MCC: Zener SMBJ5339B
Surface Mount LED GREEN	1	LED 1206 0805	D2	Avago: HSMG-C150
Surface Mount LED RED	1	LED 1206 0805	D3	Avago: HSMH-C170
Resistor 100R 1/10W 1%	1	RES 0603	R14	Dale:CRCW0603100RFKEA
Resistor 0 Ohm 5% 1/10W 0603 SMD	1	RES 0603	Rs	Vishay/Dale: CRCW06030000Z0EA
Slide Power Switch DPDT	1	Thru-hole	K1	E-Switch: EG2201
Light Touch Button, Height=7.0mm	1	PTS645S	RESET	Panasonic: EVQ-PAC07K
12 MHz HCM49 18pF SMT Crystal	1	CRYSTAL SMT	Y1	Citizens: HCM49-12.000MABJ-UT
ADM6315-45D3ARTZ	1	SOT-143	U4	Analog Devices: ADM6315-26D3ARTZ
208BGA SOCKET	1	Thru-hole	U1	Antares: A208-9308-00-2401
Total Components On Top	48			
Components Not Mounted	CT5, CT8, P1, P2, Rf, U2			



Components On Bottom				
Description	Quantity	Mounting Style	Designator	Manufacture Part Number
Capacitor 1nF 50V Ceramic	9	RES 0603	C20, C22, C24, C26, C28, C30, C34, C36, C38	Murata: GRM188R71E102KA01D
Capacitor 10nF 50V (X7R) Ceramic	5	RES 0603	C3, C5, C10, C14, C15	AVX: 06035C103KAT2A
Capacitor 0.1uF 25V (X7R) Ceramic	10	RES 0603	C2, C6, C7, C13, C17, C19, C33, C37, C39	Murata: GRM188R71E104KA01D
Capacitor 0.22uF 25V (NPO) Ceramic	6	RES 0603	C45, C47, C49, C51, C55, C57	AVX: 06033A224JAT2A
Capacitor 22uF 10V X5R Ceramic	1	RES 1206 0805	C52	Taiyo Yuden: LMK212BJ226MG-T
Capacitor 4.7uF 16V Tantalum	1	CAP EIA B	C12	AVX: TAJA475K016R
Capacitor 10uF 16V Tantalum	1	CAP EIA B	C58	293D106X9016B2TE3
Capacitor 100uF 6.3V Tantalum	1	CAP EIA B	C1	Kemet: B45196H1107M209
Resistor 0 Ohm 5% 1/10W 0603 SMD	5	RES 0603	R11, R12, R13, R17, R18	Vishay/Dale: CRCW06030000Z0EA
Resistor 510 Ohm 5% 1/10 W	2	RES 0603	R1, R15	Dale: CRCW0603511JNEA
Resistor 4.7K 1/10W 1%	3	RES 0603	R8, R10, R16	Dale: CRCW0603472FKEA
Resistor 10K Ohm 5% 1/16W	9	RES 0603	R2, R3, R4, R5, R6, R7, R9, R19, R20	Dale: CRCW060310K0FKEA
Ferrite Bead 1.5A 26 Impedance@100 MHz	6	RES 1206 0805	FB1, FB2, FB3, FB4, FB5, FB7	Steward: MI1206K260R-10
AMP 120 SMT CONNECTOR	2	SMT	J1, J2	TYCO: 5179031-5
NPN medium power transistor BCP68	1	SOT-223	U3	NXP: BCP68
Resettable Fuse 1.1A	1	FUSE1	FUSE	
SN74LVC1G08DBVR	1	SOT23-5	U5	TI: SN74LVC1G08DBVR
Total Components On Bottom	64			
Components Not Mounted			C18, CT1, CT2 CT3, CT6, R21	