



xPC560SADPT144S Rev. A.0 Component List March 24, 2008

Components On Top

Description	Quantity	Mounting Style	Designator	Manufacture Part Number
2X1 Pin Straight Header, 0.1" Thru-hole	5	0.1" Thru-hole	J11, J13, J14, J15, J18	Singatron: 2201-02-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
3X1 Pin Straight Header, 0.1" Thru-hole	14	0.1" Thru-hole	J4, J7, J8, J16, J17, J19, J20, J21, J22, J23, J24, J25, J26, J28	Singatron: 2201-03-S-02-6.0/3.0
7X1 Pin Straight Header, 0.1" Thru-hole	1	0.1" Thru-hole	J12	Singatron: 2201-07-S-02-6.0/3.0
7X2 Pin Straight Header, 0.1" Thru-hole	1	0.1" Thru-hole	J5	Singatron: 2201-14-S-02-6.0/3.0
Capacitor 22pF 50V (NPO)Ceramic	2	RES 0603	C8, C9	AVX: 06035A220JAT2A
Capacitor 0.01uF 25V (X7R)Ceramic	1	RES 0603	C3	Murata: GRM188R71E103KA01D
Capacitor 0.1uF 25V (X7R)Ceramic	23	RES 0603	C6, C2, C25, C67, C27, C29, C31, C61, C41, C65, C64, C39, C59, C33, C13, C37, C57, C63, C35, C43, C62, C21, C23	Murata: GRM188R71E104KA01D
Capacitor 470pF 25V Ceramic	3	RES 0603	C50, C52, C54,	TDK: C0603JB1E471K
Resistor 10K Ohm 5% 1/10W	1	RES 0603	R21	Dale: CRCW060310K0FKEA
Resistor 0 Ohm 5% 1/10W 0603 SMD	2	RES 0603	R11, Rs	Vishay/Dale: CRCW06030000Z0EA
Surface Mount LED GREEN	1	LED 1206 0805	D2	Avago: HSMG-C150
Surface Mount LED RED	1	LED 1206 0805	D3	Avago: HSMH-C170
Slide Power Switch DPDT	1	PTS645S	RESET	E-Switch: EG2201
Slide Power Switch DPDT	1	Thru-hole	K1	E-Switch: EG2201
5 Watt 5.6V Surface Mount Zener Diode	1	DO-214AA	D1	MCC: Zener SMBJ5339B
NX8045GB-8.00000M	1	CRYSTAL NX8045GB	Y1	NDK: NX8045GB-8.000M
SN74LVC1G08DBVR	1	SOT23-5	U5	TI: SN74LVC1G08DBVR
ADM6315-26D3ARTZ	1	SOT-143	U4	Analog Devices: ADM6315-26D3ARTZ
144LQFP SOCKET	1	Thru-hole	U1	WELLS-CTI: 3020-144-6-08
Total Components On Top	63			
Components Not Mounted	P1, P2, Rf, U2			



Components On Bottom				
Description	Quantity	Mounting Style	Designator	Manufacture Part Number
Capacitor 470pF 25V Ceramic	16	RES 0603	C56, C36, C32, C58, C38, C40, C60, C30, C28, C26, C66, C24, C22, C20, C34, C42	TDK: C0603JB1E471K
Capacitor 0.01uF 25V (X7R)Ceramic	2	RES 0603	C14, C15,	Murata: GRM188R71E103KA01D
Capacitor 0.1uF 25V (X7R)Ceramic	6	RES 0603	C19, C55, C53, C51, C17, C16	Murata: GRM188R71E104KA01D
Capacitor 0.22uF 25V (X7R)Ceramic	3	RES 0603	C45, C49, C47	AVX: 06033A224JAT2A
Capacitor 4.7uF 16V Tantalum	1	CAP EIA B	C12	AVX: TAJA475K016R
Capacitor 10uF 16V Tantalum	4	CAP EIA B	C4, C44, C48, C46,	293D106X9016B2TE3
Capacitor 100uF 6.3V Tantalum	2	CAP EIA B	C1, C5	Kemet: B45196H1107M209
Resistor 0 Ohm 5% 1/10W 0603 SMD	3	RES 0603	R9, R13, R18	Vishay/Dale: CRCW06030000Z0EA
Resistor 100R 1/10W 1%	1	RES 0603	R14	Dale: CRCW0603100RFKEA
Resistor 510 Ohm 5% 1/10 W	2	RES 0603	R1, R15	Dale: CRCW0603511JNEA
Resistor 4.7K 1/10W 1%	4	RES 0603	R8, R10, R16, R17	Dale: CRCW0603472FKEA
Resistor 10K Ohm 5% 1/10W	5	RES 0603	R2, R3, R4, R5, R7	Dale: CRCW060310K0FKEA
Ferrite Bead 1.5A 26 Impedance@100 MHz	5	RES 1206 0805	FB1, FB2, FB4, FB6, 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	
Total Components On Bottom	58			
Components Not Mounted	C18, R6, R22, CT6			