



# xPC560BADPT144S Rev. A.0 Component List      February 21, 2008

Components On Top				
Description	Quantity	Mounting Style	Designator	Manufacture Part Number
2X1 Pin Straight Header, 0.1" Thru-hole	4	0.1" Thru-hole	J11, J13, J14, J15	Singatron: 2201-02-S-02-6.0/3.0
2X2 Pin Straight Header, 0.1" Thru-hole	2	0.1" Thru-hole	J3, J10	Singatron: 2201-04-S-02-6.0/3.0
3X1 Pin Straight Header, 0.1" Thru-hole	3	0.1" Thru-hole	J7, J8, J16	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 0.1 uF 25V (X7R)Ceramic	10	RES 0603	C2, C21, C23, C25, C27, C29, C31, C33, C35, C50	Murata: GRM188R71E104KA01D
Capacitor 22 pF 50V (NPO) Ceramic	2	RES 0603	C8, C9	AVX: 06035A220JAT2A
Capacitor 10 pF 50V (NPO) Ceramic	2	RES 0603	C5, C6	TDK:C0603CH1E100D
Resistor 1M Ohm 5% 1/10 W	1	RES 0603	Rf1	Dale: CRCW0603105JNEA
Resistor 0 Ohm 5% 1/10W 0603 SMD	3	RES 0603	Rs, Rs1, Rs2	Vishay/Dale: CRCW06030000Z0EA
Resistor 100R 1/10W 1%	1	RES 0603	R14	Dale: CRCW0603100RFKEA
Surface Mount LED GREEN	1	LED 1206 0805	D2	Avago: HSMG-C150
Surface Mount LED RED	1	LED 1206 0805	D3	Avago: HSMH-C170
Light Touch Button, Height=7.0mm	1	PTS645S	RESET	Panasonic: EVQ-PAC07K
Slide Power Switch DPDT	1	POWER23 PIN	K1	E-Switch: EG2201
Power Jack 2.5mm/5.5mm	1	Thru-hole	P1	CUI: PJ-102B
5 Watt 5.6V Surface Mount Zener Diode	1	DO-214AA	D1	MCC: Zener SMBJ5339B
NX8045GB-8.000M	1	CRYSTAL NX8045GB	Y1	NDK: NX8045GB-8.000M
CFS206-32.768KDZF-UB	1	CRYSTAL CFS206	Y2	CFS206-32.768KDZF-UB
ADM6315-45D3ARTZ	1	SOT-143	U4	Analog Devices: ADM6315-26D3ARTZ
144LQFP Socket	1	Thru-hole	U1	WELLS-CTI: 3020-144-6-08
<b>Total Components On Top</b>	<b>40</b>			
<b>Components Not Mounted</b>		<b>CT1, P2, Rf, U2</b>		



Components On Bottom				
Description	Quantity	Mounting Style	Designator	Manufacture Part Number
Capacitor 0.1 uF 25V (X7R)Ceramic	3	RES 0603	C3, C13, C19	Murata: GRM188R71E104KA01D
Capacitor 10nF 50V (X7R)Ceramic	1	RES 0603	C14	AVX: 06035C103KAT2A
Capacitor 0.33uF 16V Tantalum	3	CAP EIA A	C44, C46, C48	AVX: TAJA334K016R
Capacitor 1nF Ceramic	3	RES 0603	C45, C47, C49	Murata: GRM188R71E102KA01D
Capacitor 4.7uF 16V Tantalum	1	CAP EIA B	C12	AVX: TAJA475K016R
Capacitor 10uF 16V Tantalum	2	CAP EIA B	C1, C4	Vishay: 293D106X9016B2TE3
Capacitor 470pF 25V Ceramic	9	RES 0603	C20, C22, C24, C26, C28, C30, C32, C34, C51	TDK: C0603JB1E471K
Resistor 0 Ohm 5% 1/10W 0603 SMD	2	RES 0603	R9, R11	Vishay/Dale: CRCW06030000Z0EA
Resistor 4.7K 1/10W 1%	3	RES 0603	R8, R10, R16	Dale: CRCW0603472FKEA
Resistor 10K Ohm 5% 1/16W	6	RES 0603	R2, R3, R4, R5, R7, R21	Dale: CRCW060310K0FKEA
Resistor 510 Ohm 5% 1/10 W	2	RES 0603	R1, R15	Dale: CRCW0603511JNEA
AMP 120 SMT CONNECTOR	2	SMT	J1, J2	TYCO: 5179031-5
Ferrite Bead 1.5A 26 Impedance@100 MHz	2	RES 1206 0805	FB1,FB2	Steward: MI1206K260R-10
Resettable Fuse 1.1A	1	FUSE1	FUSE	
SN74LVC1G08DBVR	1	SOT23-5	U5	TI: SN74LVC1G08DBVR
<b>Total Components On Bottom</b>	<b>41</b>			
<b>Components Not Mounted</b>		<b>R6, R22, R17</b>		