



# XDC560P100S Rev. B.0 Component List

October 7, 2008

## Components On Top

Description	Quantity	Mounting Style	Designator	Manufacture Part Number
1 Pin Straight Header, 0.1" Thru-hole	4	0.1" Thru-hole	TP1 , TP2 , TP3 , TP4	Singatron: 2201-01-S-02-6.0/3.0
2X1 Pin Straight Header, 0.1" Thru-hole	7	0.1" Thru-hole	J11, J13, J14, J15, J19, J20, J21	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	6	0.1" Thru-hole	J3, J4, J7, J8, J9, J17	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 10pF 50V (NPO)Ceramic	2	RES 0603	C8, C9	TDK:C0603CH1E100D
0.01 uF 50V (X7R) Ceramic	3	RES 0603	C3, C10, C14	AVX: 06035C103KAT2A
0.1 uF 25V (X7R) Ceramic	9	RES 0603	C2, C21, C23, C25, C27, C29, C31, C33, C35	Murata: GRM188R71E104KA01D
0.22 uF 50V (X7R) Ceramic	3	RES 0603	C45, C47, C49	AVX: TAJA224K016R
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
Ferrite Bead 1.5A 26 Impedance@100 MHz	2	RES 1206 0805	FB1, FB2	Steward: MI1206K260R-10
Light Touch Button, Height=7.0mm	1	PTS645S	RESET	Panasonic: EVQ-PAC07K
Slide Power Switch DPDT	1	Thru-hole	K1	E-Switch: EG2201
2-Terminal Power Block	1	Thru-hole	P1	
5 Watt 5.6V Surface Mount Zener Diode	1	DO-214AA	D1	MCC: Zener SMBJ5339B
NX8045GB-40.000M	1	CRYSTAL NX8045GB	Y1	NDK:NX8045GB-40.000M
ADM6315-26D3ARTZ	1	SOT-143	U4	Analog Devices: ADM6315-26D3ARTZ
SN74LVC1G08DBVR	1	SOT23-5	U5	TI: SN74LVC1G08DBVR
100LQFP Socket	1	Thru-hole	U1	WELLS-CTI: 3014-100-6-08
NEXUS CONNECTOR (MICTOR)	1	AMP 38 PIN	J6	TYCO: 2-5767004-2
<b>Total componenets mounted on top</b>	<b>52</b>			
<b>Components not mounted on top</b>	<b>P1, P2, Rf, U2</b>			



Components On Bottom				
Description	Quantity	Mounting Style	Designator	Manufacture Part Number
470pF 50V (NPO) Ceramic	8	RES 0603	C20, C22, C24, C26, C28, C30, C32, C34	TDK: C0603JB1E471K
0.01 uF 25V (X7R) Ceramic	3	RES 0603	C15, C51, C54	AVX: 06035C103KAT2A
0.1 uF 25V (X7R) Ceramic	6	RES 0603	C13, C16, C17, C19, C50, C52	Murata: GRM188R71E104KA01D
0.22 uF 50V (X7R) Ceramic	1	RES 0603	C6	AVX: TAJA224K016R
4.7uF 16V Tantalum 20% Tolerance	1	CAP EIA B	C12	AVX: TAJA475K016R
10uF 16V Tantalum 20% Tolerance	7	CAP EIA B	C1, C4, C5, C7, C44, C46, C48	Vishay: 293D106X9016B2TE3
0 Ohm 5% 1/10W 0603 SMD	3	RES 0603	R9, R13, R18	Vishay/Dale: CRCW06030000Z0EA
510 Ohm 5% 1/10W 0603	2	RES 0603	R1, R15	Dale: CRCW0603511JNEA
Resistor 4.7K 1/10W	3	RES 0603	R8, R10, R16	Dale: CRCW0603472JNEA
Resistor 10K 1/10W	9	RES 0603	R2, R3, R4, R5, R6, R7, R12, R20, R21	Dale: CRCW0603103JNEA
Ferrite Bead 1.5A 26 Impedance@100 MHz	3	RES 1206 0805	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	
<b>Total Components mounted on bottom:</b>	<b>50</b>			
<b>Components not mounted:</b>		<b>C18, CT6, R14, R17, R19, R22</b>		