



## XDC560P64S Rev. A Component List      Apr 22 , 2010

Components On Top				
Description	Quantity	Mounting Style	Designator	Manufacture Part Number
2X1 Pin Straight Header, 0.1" Thru-hole	11	2 PIN HEADER	J8, J14, J15, J19, J21,J11,J13,TP1, TP2, TP3, TP4	Singatron: 2201-02-S-02-6.0/3.0
2X2 Pin Straight Header, 0.1" Thru-hole	1	2X2 PIN HEADER	J10	Singatron: 2202-04-S-02-6.0/3.0
3X1 Pin Straight Header, 0.1" Thru-hole	5	3 PIN HEADER	J3, J4, J17,J7,J9	Singatron: 2201-03-S-02-6.0/3.0
7X1 Pin Straight Header, 0.1" Thru-hole	1	7 PIN ROW	J12	Singatron: 2201-07-S-02-6.0/3.0
7X2 Pin Shrouded Header	1	7X2 Shrouded Header	J5	Singatron: 2302-14-S-10-3.2
NEXUS CONNECTOR(MICTOR)	1	AMP 38 PIN	J6	TYCO: 2-5767004-2
Capacitor 10nF 50V (X7R)Ceramic	3	RES 0603	C3, C10, C54	AVX: 06035C103KAT2A
Capacitor 0.1 uF 25V (X7R)Ceramic	9	RES 0603	C2, C21, C23, C25, C27, C29, C31, C33, C35	Murata: GRM188R71E104KA01D
Capacitor 0.22uF 25V (X7R)Ceramic	3	RES 0603	C45, C47, C49	AVX: 06033A224JAT2A
Capacitor 10 pF 50V (NPO) Ceramic	2	RES 0603	C8, C9	TDK:C0603CH1E100D
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 0 Ohm 5% 1/10W 0603 SMD	2	RES 0603	R9,Rs	Vishay/Dale: CRCW06030000Z0EA
Ferrite Bead 1.5A 26 Impedance@100 MHz	2	RES 1206 0805	FB1, FB2,	Steward: MI1206K260R-10
PCB terminal block	1	POWER 2-BLOCK	P1	TYCO: 282857-2
Slide Power Switch DPDT	1	POWER23 PIN	K1	E-Switch: EG2201
Light Touch Button, Height=7.0mm	1	PTS645S	RESET	Panasonic: EVQ-PAC07K
Wells-CTi 64LQFP Socket 7010-064-6-08	1	7010-064-6-08	U1	WELLS-CTI: 7010-064-6-08
ADM6315-26D3ARTZ	1	SOT-143	U4	Analog Devices: ADM6315-26D3ARTZ
SN74LVC1G08DBVR	1	SOT23-5	U5	TI: SN74LVC1G08DBVR
NX8045GB-40.000M	1	CRYSTAL NX8045GB	Y1	NDK:NX8045GB-40.000M
<b>Total Components On Top</b>	<b>51</b>			
<b>Components Not Mounted</b>	<b>P2, Rf, U2</b>			



Components On Bottom				
Description	Quantity	Mounting Style	Designator	Manufacture Part Number
Capacitor 10nF 50V (X7R)Ceramic	2	RES 0603	C15,C14	AVX: 06035C103KAT2A
Capacitor 0.1 uF 25V (X7R)Ceramic	5	RES 0603	C13,C19,C52,C16,C17	Murata: GRM188R71E104KA01D
Capacitor 470pF 25V Ceramic	8	RES 0603	C20, C22, C24, C26, C28, C30, C32, C34	TDK: C0603JB1E471K
Capacitor 4.7uF 16V Tantalum	1	CAP EIA B	C12	AVX: TAJA475K016R
Capacitor 10uF 16V Tantalum	6	CAP EIA B	C1, C44, C46, C48, C4, C7	Vishay: 293D106X9016B2TE3
Resistor 0 Ohm 5% 1/10W 0603 SMD	3	RES 0603	R11,R18,R13	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	7	RES 0603	R2, R3, R6, R7, R12, R20, R21	Dale: CRCW060310K0FKEA
AMP 120 SMT CONNECTOR	2	5179031-5	J1, J2	TYCO: 5179031-5
Resettable Fuse 1.1A	1	FUSE1	FUSE	Little Fuse: 1812L110PR
Ferrite Bead 1.5A 26 Impedance@100 MHz	2	RES 1206 0805	FB6, FB7	Steward: MI1206K260R-10
NPN medium power transistor BCP68	1	SOT-223	U3	NXP: BCP68
<b>Total Components On Bottom</b>	43			
<b>Components Not Mounted</b>	<b>C18, CT6, R14, R17, R19, R22</b>			