

Page One Revised: Tuesday, December 01, 2009								
Revision: A								
Item	Quantity	Reference	Part	Manufacturer	Manuf PN	Supplier	Supplier PN	PCB Footprint
1	4	COL_D1	CONN SOCKET 50	Samtec Inc	TSW-150-07-G-S	Digikey	SAM1029-50-ND	HDR1X50
		COL_C1	CONN SOCKET 50	Samtec Inc	TSW-150-07-G-S	Digikey	SAM1029-50-ND	HDR1X50
		COL_B1	CONN SOCKET 50	Samtec Inc	TSW-150-07-G-S	Digikey	SAM1029-50-ND	HDR1X50
		COL_A1	CONN SOCKET 50	Samtec Inc	TSW-150-07-G-S	Digikey	SAM1029-50-ND	HDR1X50
2	10	C1	0.1uF	Panasonic-ECG	ECJ-2VB1C104K	Digikey	PCC1812CT-ND	CAPC2013X130N_0805
		C2	0.1uF	Panasonic-ECG	ECJ-2VB1C104K	Digikey	PCC1812CT-ND	CAPC2013X130N_0805
		C3	0.1uF	Panasonic-ECG	ECJ-2VB1C104K	Digikey	PCC1812CT-ND	CAPC2013X130N_0805
		C4	0.1uF	Panasonic-ECG	ECJ-2VB1C104K	Digikey	PCC1812CT-ND	CAPC2013X130N_0805
		C5	0.1uF	Panasonic-ECG	ECJ-2VB1C104K	Digikey	PCC1812CT-ND	CAPC2013X130N_0805
		C6	0.1uF	Panasonic-ECG	ECJ-2VB1C104K	Digikey	PCC1812CT-ND	CAPC2013X130N_0805
		C7	0.1uF	Panasonic-ECG	ECJ-2VB1C104K	Digikey	PCC1812CT-ND	CAPC2013X130N_0805
		C12	0.1uF	Panasonic-ECG	ECJ-2VB1C104K	Digikey	PCC1812CT-ND	CAPC2013X130N_0805
		C13	0.1uF	Panasonic-ECG	ECJ-2VB1C104K	Digikey	PCC1812CT-ND	CAPC2013X130N_0805
		C14	0.1uF	Panasonic-ECG	ECJ-2VB1C104K	Digikey	PCC1812CT-ND	CAPC2013X130N_0805
3	4	C8	68uF	AVX Corp	TAJE686K025RNJ	Digikey	478-1750-1-ND	CAPMP3216X180N
		C9	68uF	AVX Corp	TAJE686K025RNJ	Digikey	478-1750-1-ND	CAPMP3216X180N
		C10	68uF	AVX Corp	TAJE686K025RNJ	Digikey	478-1750-1-ND	CAPMP3216X180N
		C11	68uF	AVX Corp	TAJE686K025RNJ	Digikey	478-1750-1-ND	CAPMP3216X180N
4	2	D1	LED	Panasonic - SSG	LNJ211R82RA	Digikey	P11532CT-ND	LEDC3215X130N_1206
		D2	LED	Panasonic - SSG	LNJ211R82RA	Digikey	P11532CT-ND	LEDC3215X130N_1206
5	2	D4	LED	Panasonic-SSG	LNJ311G83RA	Digikey	P11537CT-ND	LEDC3215X130N_1206
		D5	LED	Panasonic-SSG	LNJ311G83RA	Digikey	P11537CT-ND	LEDC3215X130N_1206
6	40	JP1	JUMPER	Tyco Electronics	87227-1	Digikey	A26565-ND	HDR1X2
		JP2	JUMPER	Tyco Electronics	87227-1	Digikey	A26565-ND	HDR1X2
		JP3	JUMPER	Tyco Electronics	87227-1	Digikey	A26565-ND	HDR1X2
		JP4	JUMPER	Tyco Electronics	87227-1	Digikey	A26565-ND	HDR1X2
		JP5	JUMPER	Tyco Electronics	87227-1	Digikey	A26565-ND	HDR1X2
		JP6	JUMPER	Tyco Electronics	87227-1	Digikey	A26565-ND	HDR1X2
		JP7	JUMPER	Tyco Electronics	87227-1	Digikey	A26565-ND	HDR1X2
		JP8	JUMPER	Tyco Electronics	87227-1	Digikey	A26565-ND	HDR1X2
		JP9	JUMPER	Tyco Electronics	87227-1	Digikey	A26565-ND	HDR1X2
		JP10	JUMPER	Tyco Electronics	87227-1	Digikey	A26565-ND	HDR1X2
		JP11	JUMPER	Tyco Electronics	87227-1	Digikey	A26565-ND	HDR1X2
		JP12	JUMPER	Tyco Electronics	87227-1	Digikey	A26565-ND	HDR1X2
		JP13	JUMPER	Tyco Electronics	87227-1	Digikey	A26565-ND	HDR1X2
		JP14	JUMPER	Tyco Electronics	87227-1	Digikey	A26565-ND	HDR1X2
		JP15	JUMPER	Tyco Electronics	87227-1	Digikey	A26565-ND	HDR1X2
		JP16	JUMPER	Tyco Electronics	87227-1	Digikey	A26565-ND	HDR1X2
		JP17	JUMPER	Tyco Electronics	87227-1	Digikey	A26565-ND	HDR1X2
		JP18	JUMPER	Tyco Electronics	87227-1	Digikey	A26565-ND	HDR1X2
		JP19	JUMPER	Tyco Electronics	87227-1	Digikey	A26565-ND	HDR1X2
		JP20	JUMPER	Tyco Electronics	87227-1	Digikey	A26565-ND	HDR1X2
		JP21	JUMPER	Tyco Electronics	87227-1	Digikey	A26565-ND	HDR1X2
		JP22	JUMPER	Tyco Electronics	87227-1	Digikey	A26565-ND	HDR1X2
		JP23	JUMPER	Tyco Electronics	87227-1	Digikey	A26565-ND	HDR1X2
		JP24	JUMPER	Tyco Electronics	87227-1	Digikey	A26565-ND	HDR1X2
		JP25	JUMPER	Tyco Electronics	87227-1	Digikey	A26565-ND	HDR1X2
		JP26	JUMPER	Tyco Electronics	87227-1	Digikey	A26565-ND	HDR1X2
		JP27	JUMPER	Tyco Electronics	87227-1	Digikey	A26565-ND	HDR1X2
		JP28	JUMPER	Tyco Electronics	87227-1	Digikey	A26565-ND	HDR1X2
		JP29	JUMPER	Tyco Electronics	87227-1	Digikey	A26565-ND	HDR1X2
		JP30	JUMPER	Tyco Electronics	87227-1	Digikey	A26565-ND	HDR1X2
		JP31	JUMPER	Tyco Electronics	87227-1	Digikey	A26565-ND	HDR1X2
		JP32	JUMPER	Tyco Electronics	87227-1	Digikey	A26565-ND	HDR1X2
		JP33	JUMPER	Tyco Electronics	87227-1	Digikey	A26565-ND	HDR1X2
		JP34	JUMPER	Tyco Electronics	87227-1	Digikey	A26565-ND	HDR1X2
		JP35	JUMPER	Tyco Electronics	87227-1	Digikey	A26565-ND	HDR1X2
		JP36	JUMPER	Tyco Electronics	87227-1	Digikey	A26565-ND	HDR1X2
		JP37	JUMPER	Tyco Electronics	87227-1	Digikey	A26565-ND	HDR1X2
		JP38	JUMPER	Tyco Electronics	87227-1	Digikey	A26565-ND	HDR1X2
		JP39	JUMPER	Tyco Electronics	87227-1	Digikey	A26565-ND	HDR1X2
		JP40	JUMPER	Tyco Electronics	87227-1	Digikey	A26565-ND	HDR1X2
7	1	JP41	2-Pos Jumper	Tyco Electronics	1-87215-1-ND	Digikey	A26566-ND	HDR2X2
8	1	J1	Expan A	Tyco Electronics	1-5103308-0	Digikey	A33172-ND	AMP_1-5103308-0
9	1	J2	Expan B	Tyco Electronics	1-5103308-0	Digikey	A33172-ND	AMP_1-5103308-0
10	1	J3	Test Board	Tyco Electronics	5102322-4	Digikey	AHT20L-ND	AMP_5102322-4
11	1	J4	Expan C	Tyco Electronics	1-5103308-0	Digikey	A33172-ND	AMP_1-5103308-0
12	1	J5	Expan D	Tyco Electronics	1-5103308-0	Digikey	A33172-ND	AMP_1-5103308-0
13	1	J6	PORT 1	Tyco Electronics	5745114-2	Digikey	A32152-ND	AMP_5745114-2
14	1	J7	PORT 2	Tyco Electronics	5745114-2	Digikey	A32152-ND	AMP_5745114-2
15	1	J8	PORT 3	Tyco Electronics	5745114-2	Digikey	A32152-ND	AMP_5745114-2
16	1	J9	PORT 4	Tyco Electronics	5745114-2	Digikey	A32152-ND	AMP_5745114-2
17	1	J10	POWER	Phoenix Contact	1881448	Digikey	277-1441-ND	PHOENIX_1881448
18	4	J11	CON3					HDR1X3
		J12	CON3					HDR1X3
		J14	CON3					HDR1X3
		J15	CON3					HDR1X3
19	1	J13	PORT 5	Tyco Electronics	5745114-2	Digikey	A32152-ND	AMP_5745114-2
20	2	PB1	ProtoBoard	3M	923748-I	Digikey	923748-ND	MISC_3M-923748-I
		PB2	ProtoBoard	3M	923748-I	Digikey	923748-ND	MISC_3M-923748-I
21	59	R1	10.0K	Vishay/Dale	CRCW120610K0JNEA	Digikey	541-10KECT-ND	RESC3216X60N_1206
		R2	10.0K	Vishay/Dale	CRCW120610K0JNEA	Digikey	541-10KECT-ND	RESC3216X60N_1206
		R3	10.0K	Vishay/Dale	CRCW120610K0JNEA	Digikey	541-10KECT-ND	RESC3216X60N_1206
		R4	10.0K	Vishay/Dale	CRCW120610K0JNEA	Digikey	541-10KECT-ND	RESC3216X60N_1206
		R5	10.0K	Vishay/Dale	CRCW120610K0JNEA	Digikey	541-10KECT-ND	RESC3216X60N_1206
		R6	10.0K	Vishay/Dale	CRCW120610K0JNEA	Digikey	541-10KECT-ND	RESC3216X60N_1206
		R7	10.0K	Vishay/Dale	CRCW120610K0JNEA	Digikey	541-10KECT-ND	RESC3216X60N_1206
		R8	10.0K	Vishay/Dale	CRCW120610K0JNEA	Digikey	541-10KECT-ND	RESC3216X60N_1206
		R9	10.0K	Vishay/Dale	CRCW120610K0JNEA	Digikey	541-10KECT-ND	RESC3216X60N_1206
		R10	10.0K	Vishay/Dale	CRCW120610K0JNEA	Digikey	541-10KECT-ND	RESC3216X60N_1206

[illegible]