

Bill Of Materials September 15,2010 11:36:25

Item	Quantity	Reference	Part	PCB Footprint	Part Number	Manufacturer	Distributor	Distributor Num	Comments
1	24	C1,C2,C3,C46,C47,C48,C49, C50,C51,C56,C69,C70,C71, C72,C73,C74,C75,C76,C77, C78,C83,C85,C86,C87	0.1 uF	0603	ECJ1VB1C104K	PANASONIC	Digikey	PCC1762TR-ND	Capacitor, 0.1 uF, 0603
2	10	C4,C5,C6,C7,C8,C9,C10, C15,C16,C17	1 pF	0603	ECJ-1VC1H010C	PANASONIC	Digikey	PCC010CVCT-ND	Capacitor, 1.0 pF, 0603
3	7	C24,C25,C26,C27,C28,C29, C30	4.7 uF	0603	ECJ-1VBFJ475K	PANASONIC	Digikey	PCC13495CT-ND	Capacitor, 4.7 uF, 0603
4	2	C80,C88	10 uF	3216	ECS-T1AY106R	PANASONIC	Digikey	P11309TR-ND	CAP 10UF 10V TANTALUM TE
5	2	D289,D290	RA-LED	0603	SML-LX0603GW-TR	LUMEX	Digikey	67-1549-1-ND	LED, GREEN, 0603
6	1	D291	RA-LED	0603	LG L29K-G2J1-24-Z	OSRAM	Digikey	475-2709-2-ND	LED, GREEN, 0603
7	2	J1,J3	HEADER 2X20	HEADER40	N2540-6002-RB	3M	Digikey	MHC40K-ND	header to delayline
8	1	J4	DIPSOC-7x2	HEADER14_2MMREV2	87832-1420	MOLEX	Digikey	WM18641-ND	CONNECTOR
9	1	J7	HEADER8	HEADER08	640456-8	TYCO/AMP	Digikey	A1924-ND	8 PIN FRICTION LOCK HEADER
10	1	J8	DIPSOC-20x2	HEADER40	3432-6002	3M	Digikey	MHS40K-ND	40 PIN BOXED HEADER
11	1	J10	HEADER 1X8	HEADER08		SAMTEC			HEADER 1X8
12	1	J11	HEADER 1X2	SIP-2P		SAMTEC			HEADER 1X2
13	1	J12	HEADER 5X2	HEADER10	N2510-6002-RB	3M	Digikey	MHC10K-ND	Header to DOC, mate D89110-0131HK
14	4	R15,R16,R17,R18	10K	0603	ERJ3GEYJ103V	PANASONIC	Digikey	P10KGTR-ND	RES 10K OHM, 0603
15	2	R19,R23	390	0603	ERJ-3GEYJ391V	PANASONIC	Digikey	P390GCT-ND	RES 390 OHM, 0603
16	3	R24,R25,R26	200	0603		VISHAY/DALE	Digikey	541-200HCT-ND	RES 200 OHM, 0603
17	2	R31,R32	250k	0603	ERJ-3EKF2493V	PANASONIC	Digikey	P249KHCT-ND	RES 249K OHM, 0603 1%
18	4	R58,R59,R60,R61	1M	0603	ERJ3GEYJ105V	PANASONIC	Digikey	P1.0MGTR-ND	RES 1MEG OHM, 0603
19	1	R62	390	0603	ERJ-3GEYJ391V	PANASONIC	Digikey	P390GCT-ND	RES 390 OHM, 0603
20	1	SW1	SWITCH	PBSW	EVQ-P1F05M	PANASONIC	Digikey	P12245SCT-ND	SWITCH
21	1	SW2	SWITCH SPDT	CAS-120TB	CAS120TB	COPAL	Digikey	CAS120GCT-ND	Do Not Install
22	1	U28	MAX6631	TDFN	MAX6631MTT+	MAXIM			TEMP SENSOR
23	1	U30	XC2C256-TQG144	TQFP144	XC2C256-7TQ144C	XILINX			CPLD
24	1	U49	TPS70151	TPS70151	TPS70151PWP	TI	Digikey	296-2655-5-ND	LDO REGULATOR
25	4	X1,X2,X3,X4	Hole	MTHOLE6					