

	13	J2,J5	Jtag Connector	10 x 2 header	3M Electronic Solutions Division	30320-6002HB	Mouser	517-30320-6002	1
	14	J3	2 pin Berg Strip	2 pin	Any		Samtec	TSW-102-23-G-S	1
	15	J4,J9,SW2	3 PIN Berg Strip	3 x1 pin Bergstrip	Any		Samtec	TSW-103-23-G-S	1
	16	J6	DC Power Jack	3 pin through hole	Kobiconn	163-180PH-EX	Mouser	180PH-EX	1
	17	J7	4 pin Bergstrip	4x1 pin Berg strip	Any		Samtec	TSW-104-23-G-S	1
	18	J8	Screw Type Connector	Through hole	Phoneix Contact or equivalent	1729131	Mouser	651-1729131	1
	19	SW1,SW3	PushButton Switch	Through hole	E-Switch or equivalent	TL1105F250Q	Mouser	612-TL1105-250	1
LEDs									
	20	D1,D2,D4,D5,D7	LED-Red	LED-3mm	Lite-On Inc	LTST-C171EKT	Digikey	160-1422-1-ND	1
Capacitors									
	21	C1,C2	10pF	SMD0805	Panasonic - ECG or equivalent	ECJ-2VC1H100D	Digikey	PCC100C NTR-ND	2
	22	C3,C4,C5,,C6,C10,C13	100nF	SMD0805	Panasonic - ECG or equivalent	ECJ-2VB1E104K or equivalent	Digikey	PCC1828C T-ND	6
	23	C7	4.7nF	SMD0805	Panasonic - ECG or equivalent	ECJ-2VB1H472K	Digikey	PCC472B NTR-ND	1
	24	C12,C14,C15	10uF	Case A	Vishay/Sprague or equivalent	293D106X96R3 A2TE3 or equivalent	Mouser	74-293D106X96R3A2TE3	3
	25	C20	1nF	SMD0805	AVX	08051A102J4T2 A	Farnell	1301711	1
	26	C16,C17,C21,C22	1uF	SMD0805	Vishay/Sprague	298D105X0050 P2T	Digikey	718-1720-1-ND	4
	27	C18	10nF	SMD0805	Panasonic - ECG or equivalent	ECJ-2VB1H103K	Digikey	PCC103B NTR-ND	1
Resistors									

	28	R1,R2,R3,R10,R12,R14,R15,R17,R18,R19,R20,R22,R23,R30,R35,R38,R39,R61	10k	SMD0805	Panasonic - ECG or equivalent	ERJ-6GEYJ103V	Digikey	P10KACT-ND	18
	29	R5	4.2k	SMD0805	Panasonic - ECG or equivalent	ERJ-6ENF4221V	Digikey	P4.22KCTR-ND	1
	30	R6,R7,R50	220	SMD0805	Panasonic - ECG or equivalent	ERJ-6GEYJ221V	Digikey	P220ACT-ND	3
	31	R21	100	SMD0805	Panasonic - ECG or equivalent	ERJ-6GEYJ101V	Digikey	P100ATR-ND	1
	32	R24,R25	22	SMD0805	Panasonic - ECG or equivalent	ERJ-6GEYJ220V	Digikey	P22ATR-ND	2
	33	R26	1.5k	SMD0805	Panasonic - ECG or equivalent	ERJ-6GEYJ152V	Digikey	P1.5KATR-ND	1
	34	R27,R28,R33	1M	SMD0805	Panasonic - ECG or equivalent	ERJ-6GEYJ105V	Digikey	P1.0MATR-ND	3
	35	R29	220k	SMD0805	Panasonic - ECG or equivalent	ERJ-6GEYJ224V	Digikey	P220KACT-ND	1
	36	R31	10k(ntc) 1/4 w	Through hole	Vishay	2381640	Farnell	1187031	1
	37	R34	5.6k	SMD0805	Panasonic - ECG or equivalent	ERJ-6ENF5601V	Digikey	P5.60KCC T-ND	1
	38	R36,R63	20k	SMD0805	Panasonic - ECG or equivalent	ERJ-6GEYJ203V	Digikey	P20KACT-ND	2
	39	R48	1k	SMD0805	Panasonic - ECG or equivalent	ERJ-6GEYJ102V	Digikey	P1.0KATR-ND	1
	40	R51,R52,R53	470	SMD0805	Panasonic - ECG or equivalent	ERJ-6GEYJ471V	Digikey	P470ATR-ND	3
	41	R54	56k	SMD0805	Panasonic - ECG or equivalent	ERJ-6GEYJ563V	Digikey	P56KACT-ND	1
	42	R55	3.6k	SMD0805	Panasonic - ECG or equivalent	ERJ-6GEYJ362V	Digikey	P3.6KACT-ND	1

	43	R56	15k	SMD0805	Panasonic - ECG or equivalent	ERJ-6ENF1502V	Digikey	P15.0KCC T-ND	1	
	44	R57,R58	4.7k	SMD0805	Panasonic - ECG or equivalent	ERJ-6GEYJ472V	Digikey	P4.7KATR-ND	2	
	45	R32	100mOhm(2512)	2512	BOURNS	CRA2512-FZR100ELF	Farnell	1435952	1	
	46	R59,R62(OPTIOAL)	0	SMD0805	Panasonic - ECG or equivalent	ERJ-6GEY0R00V	Digikey	P0.0ATR-ND	1	DO NOT MOUNT R62
	47	R60	100k	SMD0805	Panasonic - ECG or equivalent	ERJ-6GEYJ104V	Digikey	P100KACT-ND	1	
	48	R64	2M	SMD0805	RMCF 1/10 2M 1% R	RMCF 1/10 2M 1% R	Digikey	RMCF1/10 2MFRCT-ND	1	