



DESIGNATOR	ITEM	QTY	EXT	STK		PART	MANUFAC		VENDOR	PURCH	UNIT		NEW
NUMBER	#	REQ	QTY	CHK	DESCRIPTION	#	TURER	VENDOR	PART #	QTY	PRICE	TOTAL	STOCK
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CR1-CR2	51	2	2		Surface Mount Glass Passivated Bridge Rectifier, 600V, 0.8A , MINIDIP-4	HD06	Diodes Inc	Digi-Key	HD06DICT-ND	2	0.68	1.36	0
Z1	52	1	1		Transient Voltage Suppressor, Unidirectional, 60V , SMA, marked as RK	SMAJ60A-13	Diodes Inc	Digi-Key	SMAJ60ADICT-ND	1	0.68	0.68	0
					Oscillators and Crystals								
Y1	53	1	1		Quartz Crystal, 20MHZ, ±50ppm , ECX-64A	ECS-200-20-23A	ECS	Digi-Key	XC830CT-ND	1	3.3	3.3	0
					Resistors								
R17-R20	54	4	4		Resistor, 49.9Ω, ±1% , SMD 0603, marked as 49R9	ERJ-3EKF49R9V	Panasonic	Digi-Key	P49.9HCT-ND	10	0.09	0.9	6
R28	55	1	1		Resistor, 124Ω, ±1% , SMD 0603, marked as 1240	ERJ-3EKF1240V	Panasonic	Digi-Key	P124HCT-ND	10	0.09	0.9	9
R21	56	1	1		Resistor, 357Ω, ±1% , SMD 0603, marked as 3570	ERJ-3EKF3570V	Panasonic	Digi-Key	P357HCT-ND	10	0.09	0.9	9
R22, R25	57	2	2		Resistor, 1.27KΩ, ±1% , SMD 0603, marked as 1271	ERJ-3EKF1271V	Panasonic	Digi-Key	P1.27KHCT-ND	10	0.09	0.9	8
R4	58	1	1		Resistor, 324KΩ, ±1% , SMD 0603, marked as 3243	ERJ-3EKF3243V	Panasonic	Digi-Key	P324KHCT-ND	10	0.09	0.9	9
R3	59	1	1		Resistor, 698KΩ, ±1% , SMD 0603, marked as 6983	ERJ-3EKF6983V	Panasonic	Digi-Key	P698KHCT-ND	10	0.09	0.9	9
R2	60	1	1		Resistor, 887KΩ, ±1% , SMD 0603, marked as 8873	ERJ-3EKF8873V	Panasonic	Digi-Key	P887KHCT-ND	10	0.09	0.9	9
R11	61	1	1		Resistor, 8.2Ω , SMD 0603, marked as 8R2	ERJ-3GEYJ8R2V	Panasonic	Digi-Key	P8.2GCT-ND	10	0.08	0.8	9
R14-R16	62	3	3		Resistor, 39Ω , SMD 0603, marked as 390	ERJ-3GEYJ390V	Panasonic	Digi-Key	P39GCT-ND	10	0.08	0.8	7
R26-R27	63	2	2		Resistor, 75Ω , SMD 0603, marked as 750	ERJ-3GEYJ750V	Panasonic	Digi-Key	P75GCT-ND	10	0.08	0.8	8
R12	64	1	1		Resistor, 470Ω , SMD 0603, marked as 471	ERJ-3GEYJ471V	Panasonic	Digi-Key	P470GCT-ND	10	0.08	0.8	9
R23-R24	65	2	2		Resistor, 510Ω , SMD 0603, marked as 511	ERJ-3GEYJ511V	Panasonic	Digi-Key	P510GCT-ND	10	0.08	0.8	8
R5, R13, R33-R34	66	4	4		Resistor, 1.5KΩ , SMD 0603, marked as 152	ERJ-3GEYJ152V	Panasonic	Digi-Key	P1.5KGCT-ND	10	0.08	0.8	6
R6-R10	67	5	5		Resistor, 4.7KΩ , SMD 0603, marked as	ERJ-3GEYJ472V	Panasonic	Digi-Key	P4.7KGCT-ND	10	0.08	0.8	5
R1	68	1	1		Resistor, 13KΩ , SMD 0603, marked as 133	ERJ-3GEYJ133V	Panasonic	Digi-Key	P13KGCT-ND	10	0.08	0.8	9
RN2-RN3	69	2	2		Resistor Network - 8 isolated, 22Ω , EXB-2HV, marked as 220	EXB-2HV220JV	Panasonic	Digi-Key	Y1220CT-ND	10	0.18	1.8	8
RN4	70	1	1		Resistor Network - 8 isolated, 220Ω , EXB-2HV, marked as 221	EXB-2HV221JV	Panasonic	Digi-Key	Y1221CT-ND	10	0.18	1.8	9
RN1	71	1	1		Resistor Network - 8 isolated, 4.7KΩ , EXB-2HV, marked as 472	EXB-2HV472JV	Panasonic	Digi-Key	Y1472CT-ND	10	0.18	1.8	9
					Capacitors								
C3, C7, C15-C16, C48	72	5	5		Low ESR Tantalum Chip Capacitor with Polymer Electrode, 68μF, 4V , SMD B	T520B686M004AS	Kemet	Digi-Key	399-3060-1-ND	5	1.1	5.5	0
C34, C36	73	2	2		Capacitor, Tantalum Chip, 2.2μF, 16V , SMD A	T491A225K016AS	Kemet	Digi-Key	399-1586-1-ND	2	0.33	0.66	0

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C1-C2, C8-C14, C17-C24, C27- C30, C40-C45	74	27	27		Capacitor, Ceramic Chip, 0.1µF, 25V , C-0603D	06032F104Z8B20D	Phycomp	Digi-Key	311-1087-1-ND	27	0.064	1.728	0
C46-C47	75	2	2		Capacitor, Tantalum Chip, 10µF, 35V , SMD D	T491D106M035AS	Kemet	Digi-Key	399-1655-1-ND	2	1.23	2.46	0
C49-C52	76	4	4		Capacitor, Ceramic Chip, 0.068µF, 100V , C-1206HV	C1206C683K1RACTU	Kemet	Digi-Key	399-1803-1-ND	10	0.601	6.01	6
C39	77	1	1		Capacitor, High Voltage Ceramic Chip, 1000pF, 1KV , C-1206HV	12062R102KEBB00	Phycomp	Digi-Key	311-1144-1-ND	10	0.298	2.98	9
C4	78	1	1		Capacitor, Ceramic Chip, 10pF , C-0603	0603CG100J9B200	Phycomp	Digi-Key	311-1058-1-ND	10	0.058	0.58	9
C6	79	1	1		Capacitor, Ceramic Chip, 22pF , C-0603	0603CG220J9B200	Phycomp	Digi-Key	311-1062-1-ND	10	0.058	0.58	9
C26	80	1	1		Capacitor, Ceramic Chip, 39pF , C-0603	ECJ-1VC1H390J	Panasonic	Digi-Key	PCC390ACVCT-ND	10	0.092	0.92	9
C25	81	1	1		Capacitor, Ceramic Chip, 680pF , C-0603	06032R681K9B20D	Phycomp	Digi-Key	311-1188-1-ND	10	0.055	0.55	9
C5, C37-C38	82	3	3		Capacitor, Ceramic Chip, 1000pF , C-0603	06032R102K9B20D	Phycomp	Digi-Key	311-1080-1-ND	10	0.055	0.55	7
C31-C33, C35	83	4	4		Capacitor, Ceramic Chip, 10nF , C-0603	06032R103K9B20D	Phycomp	Digi-Key	311-1085-1-ND	10	0.059	0.59	6
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L1	84	1	1		SMD Inductor, 2µHn, 2.44A , D62CB	A920CY-2R0M	Toko	Digi-Key	TKS5512CT-ND	1	3.22	3.22	0
LC1-LC2	85	2	2		Chip EMI Filter, 10000PF , LC4518	EXC-CET103U	Panasonic	Digi-Key	P9832CT-ND	10	0.685	6.85	8
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J1	86	1	1		0.5 mm-Pitch Vertical Slide-Lock FPC Connector, 30 pos., XF2J-3024-11	XF2J-3024-11	Omron	Digi-Key	OR671CT-ND	1	1.3	1.3	0
J2	87	1	1		Connector Header 2mm, Dual Row, Straight, 16 contacts, SMT,	PRPN082MAMP	Sullins	Digi-Key	S2208-08-ND	1	1.79	1.79	0
J3	88	1	1		RJ-45 with integrated Ethernet Magnetics, RJMG-5xxx-1x-01	RJMG-5312-11-01	Amphenol	TTI		1	7	7	0
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SW1	89	1	1		Super Small-sized Side-push Surface Mount Switch, 50mA , EVQ-PSD02K	EVQ-PSD02K	Panasonic	Digi-Key	P8088SCT-ND	1	1.16	1.16	0
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W11-W14	90	4	4		Pin Receptacle for 0.037"-0.043" pins, 0331-0-15-01-1827100-CUST	0331-0-15-01-1827100	Mill-Max	Digi-Key	ED5019-ND	10	0.224	2.24	6