

Item Number	Part Reference	Quantity	Part Type	Description	Tolerance	Rating	Value	Manufacturer	Manufacturer Part Number	Distributor	Distributor Part Number	Lead Free Status	RoHS Status
1	C3	1	Capacitor	Cap .022UF 50V Ceramic X7R	10%	50V	0.022uF	Panasonic ECG	ECJ-1VB1H223K	Digikey	PCC2282CT-ND	Lead Free	RoHS Compliant
2	C4 C5	2	Capacitor	Cap 1000PF 1KV Ceramic X7R 1812	10%	1KV	1000pF	BC Components	VJ1812Y102KXGTW1B	Digikey	BC1329CT-ND	Lead Free	RoHS Compliant
3	C6 C24 C25 C26 C27	5	Capacitor	CAP CER 4.7UF 6.3V X5R 20% 0603	20%	6.3V	4.7uF	TDK Corporation	C1608X5R0J475M	Digikey	445-1417-1-ND	Lead Free	RoHS Compliant
4	C7 C8	2	Capacitor	Cap Ceramic 30pF 5% 50V C0G 0603	5%	50V	30pF	Rohm	MCH185A300JK	Digikey	511-1125-1-ND	Lead Free	RoHS Compliant
5	C9 C13 C30	3	Capacitor	CAP .1UF 16V CERAMIC X7R 0603	10%	16V	0.1uF	Panasonic ECG	ECJ-1VB1C104K	Digikey	PCC1762CT-ND	Lead Free	RoHS Compliant
6	C10 C11 C23	3	Capacitor	Cap Tantalum 10uF 20V 10% SMD	10%	20V	10uF	AVX Corporation	TAJB106K020R	Digikey	478-1674-1-ND	Lead Free	RoHS Compliant
7	C12	1	Capacitor	Cap 0.01uF 50V Ceramic X7R 0603	10%	50V	0.01uF	panasonic ECG	ECJ-1VB1H103K	Digikey	PCC1784CT-ND	Lead Free	RoHS Compliant
8	C14 C15 C16 C17 C18 C19 C20 C21 C22	9	Capacitor	CAP 10000PF 16V CERM X7R 0603	10%	16V	0.01uF	Panasonic ECG	ECJ-1VB1C103K	Digikey	PCC1750CT-ND	Lead Free	RoHS Compliant
9	D1 D2 LED1 LED2	4	Indicator Lights	LED SMT Green		GREEN	LED	Stanley Electric Sales of America	BG1111C-TR	Digikey	404-1005-1-ND	Lead Free	RoHS Compliant
10	FB1 FB2 FB3 FB4 FB5	5	Inductors	Ferrite Bead, 120 Ohm, 0.5A, 0.1DCR, 0603		500mA / 0.1DCR	500m	Panasonic ECG	EXC-3BP121H	Digikey	P10750CT-ND	Lead Free	RoHS Compliant
11	J1	1	connectors	Modular RJ45jack with LED's		lh yellow rh green	RJ45LF	Amphenol Canada	RJHSE5081	TTI	RJHSE-5081	Lead Free	RoHS compliant
12	J2	1	Connectors	Header, 2 x 10, 0.1 Inch, Vertical			HDR_2x10	Samtec inc	TSW-110-07-L-D	Digikey	SAM1030-10-ND	Lead Free	RoHS compliant
13	J3 J4	2	Connectors	CONN HEADER 4POS .100" DUAL GOLD			HDR_2x2	Samtec	TSW-102-07-L-D	Digikey	SAM1030-02-ND	Lead Free	RoHS Compliant
14	MH1 MH2	2	non_electrical	Mounting Pad250x125			MTG250P125D						
15	P1	1	Connectors	Connector MII-RA			MII_RA	AMP Tyco	0174218-2	Edge Electronics	AMP174218-2	??	??
16	R1	1	resistors	Resistor, 1.50K, 1%, 1/10W, 0603	1%	1/10W	1.50K	Yageo	RC0603FR-071K5L	Digikey	311-1.50KHRCT-ND	Lead Free	RoHS Compliant
17	R2 R3 R5 R6 R28 R29 R30 R31 R41 R42	10	resistors	Resistor 49.9 Ohm 1/16W 1% 0603 SMD	1%	1/10W	49R9	Panasonic ECG	ERJ-3EKF49R9V	Digikey	P49.9HCT-ND	Lead Free	RoHS Compliant
18	R8 R9 R10 R11 R13 R14 R17 R18 R19 R21 R22 R23	12	resistors	Resistor 10.0 Ohm 1/10W 1% 0603	1%	1/10W	10R	Yageo	RC0603FR-0710RL	Digikey	311-10.0HRCT-ND	Lead Free	RoHS Compliant
19	R26 R27	2	resistors	Resistor 75 Ohm 1/16W 0.5% 0603	0.5%	1/16W	75R0	Susumu Co Ltd	RR0816Q-750-D	Digikey	RR08Q75DCT-ND	Request Inventory Verification	Request Inventory verification

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20	R33 R45	2	resistors	RES 0.0 OHM 1/10W 5% 0603 SMD	5%	0.1W	ZERO	Yageo	RC0603JR-070RL	Digikey	311-0.0GRCT-ND	Lead Free	RoHS Compliant
21	R35 R46 R50 R52 R58	5	resistors	Resistor 330 Ohm 1/16W 3300PPM 5% 0603	5%	1/16W	330R	Panasonic ECG	ERA-V33J331V	Digikey	P330CHCT-ND	Lead Free	RoHS Compliant
22	R43 R56	2	resistors	Resistor, 10.0K, 1%, 1/10W, 0603	1%	1/10W	10.0K	Rohm	MCR03EZPFX1002	Digikey	RHM10.0KHCT-ND	Lead Free	RoHS compliant
23	R48	1	resistors	Resistor, 1Meg, 5%, 1/10W, 0603	5%	1/10W	1M	Yageo	9C06031A1004JLHFT	Digikey	311-1.0MGCT-ND	Contains Lead	RoHS Non-Compliant
24	R54	1	resistors	Resistor 12.4K Ohm 1/10W 1% 0603	1%	1/10W	12.4K	Yageo	RC0603FR-0712K4L	Digikey	311-12.4KHRCT-ND	Lead Free	RoHS Compliant
25	R55	1	resistors	RES 0.0 OHM 1/4W 5% 1206 SMD	5%	1/4W	ZERO	yageo	9C12063A0R00JLHFT	Digikey	311-0.0ECT-ND	Contains Lead	RoHS Non-Compliant
26	R57	1	resistors	Resistor 510 Ohm 1/10W 5% 0603	5%	1/10W	510R	Panasonic ECG	ERJ-3GEYJ511V	Digikey	P510GCT-ND	Lead Free	RoHS Compliant
27	SW1	1	switch	Switch Pushbutton MOM NO black			SW-PB	Tyco Electronics	TP11CGPC0	Digikey	450-1122-ND	contains lead	RoHS Non-Compliant
28	T1	1	transformer	Module XFRMR Single Ethernet LAN 16SOIC			HX1188	Pulse	HX1188	Digikey	553-1208-ND	Contains Lead	RoHS Non-Compliant
29	TP3	1	testpoint	TEST POINT PC COMPACT .063"D ORN		Orange	TEST_POINT	Keystone Electronics	5008	Digikey	5008K-ND	Lead Free	RoHS Compliant
30	TP5	1	testpoint	TEST POINT PC COMPACT .063"D YLW		Yellow	TEST_POINT	Keystone Electronics	5009	Digikey	5009K-ND	Lead Free	RoHS Compliant
31	TP7	1	testpoint	Test Point Loop Compact Black		Black	TEST_POINT	Keystone Electric	5006	Digikey	5006K-ND	Lead Free	RoHS Compliant
32	U2	1	integrated_circuit	LAN8700(i) Industrial Temp Range			LAN8700(i)	SMSC	LAN8700I-AEZG	SMSC	LAN8700I		
33	VR2	1	integrated_circuit	IC LDO REG FXD 3.3V 800MA SOT223	LDO	800mA	LT1117CST-3.3	Linear Technology	LT1117CST-3.3	DigiKey	LT1117CST-3.3-ND	Contains Lead	RoHS Non-Compliant
34	Y1	1	crystal	Crystal 25.000 Mhz HC49/US	18pF		25Mhz	Citizen America Corporation	HC49US25.000MABJ	Digikey	300-6048-ND	Contains Lead	RoHS Non-Compliant