

Nº	Quantity	Value	Footprint	Designator	P/N	Layer	Name
1	17	0.1uF	C0402	C130, C133, C134, C135, C136, C137, C138, C139, C142, C198, C199, C210, C211, C256, C258, C279, C281	GRM155R71C104KA88J	Top	SMD Capacitor
2	2	0.1uF	C0402	C192, C196	GRM155R71H104KE14J	Top	SMD Capacitor
3	2	1uF	C0402	C131, C246	GRM155R60J105KE19D	Top	SMD Capacitor
4	2	1uF	C0402	C193, C195	GRM155R70J105KA12D	Top	SMD Capacitor
5	4	220pF	C0603	C213, C215, C218, C220	GRM188R71H221KA01D	Top	SMD Capacitor
6	4	0.1uF	C0603	C212, C214, C217, C219	GRM188R71C104KA01D	Top	SMD Capacitor
7	2	10uF	C0603	C257, C280	GRM188R60J106ME47J	Top	SMD Capacitor
8	18	100uF	C1210	C37, C59, C82, C88, C112, C123, C128, C180, C204, C209, C263, C268, C273, C278, C291, C293, C298, C316	GRM32ER60J107ME20L	Top	SMD Capacitor
9	2	5.1	R0402	R13, R14	ERJ-2GEJ5R1X	Top	SMD Resistor
10	4	20	R0402	R70, R71, R85, R86	ERJ-2RKf20R0X	Top	SMD Resistor
11	1	24.9	R0402	R29	ERJ-2RKf24R9X	Top	SMD Resistor
12	1	33	R0402	R102	ERJ-2GEJ330X	Top	SMD Resistor
13	2	100	R0402	R94, R95	ERJ-2GEJ101X	Top	SMD Resistor
14	1	390	R0402	R31	ERJ-2GEJ391X	Top	SMD Resistor
15	1	1k	R0402	R38	ERJ-2GEJ102X	Top	SMD Resistor
16	1	1.58k	R0402	R17	ERJ-2RKf1581X	Top	SMD Resistor
17	1	1.96k	R0402	R26	ERJ-2RKf1961X	Top	SMD Resistor
18	1	2.2k	R0402	R97	ERJ-2GEJ222X	Top	SMD Resistor
19	1	2.4k	R0402	R49	ERJ-2GEJ242X	Top	SMD Resistor
20	1	5.1k	R0402	R60	ERJ-2RKf5101X	Top	SMD Resistor
21	1	10k	R0402	R98	ERJ-2GEJ103X	Top	SMD Resistor
22	4	10.2k	R0402	R5, R7, R10, R21	ERJ-2RKf1022X	Top	SMD Resistor
23	1	12k	R0402	R32	ERJ-2GEJ123X	Top	SMD Resistor
24	2	27.4k	R0402	R3, R4	ERJ-2RKf2742X	Top	SMD Resistor
25	2	200k	R0402	R1, R2	ERJ-2RKf2003X	Top	SMD Resistor
26	2	316k	R0402	R16, R25	ERJ-2RKf3163X	Top	SMD Resistor
27	2	665k	R0402	R9, R20	ERJ-2RKf6653X	Top	SMD Resistor
28	2	27	EX24V	R54, R57	EXB-24V270JX	Top	Chip Resistor Array
29	1	51	EX24V	R40	EXB-24V510JX	Top	Chip Resistor Array
30	1	130	EX24V	R34	EXB-24V131JX	Top	Chip Resistor Array
31	6	33	EXN8V	R103, R104, R110, R112, R114, R115	EXB-N8V330JX	Top	Chip Resistor Array
32	4	180nH	L0603	L18, L20, L22, L24	LQW18ANR18G80D	Top	Chip SMD Inductor
33	4	270nH	L0603	L17, L19, L21, L23	LQW18ANR27G80D	Top	Chip SMD Inductor
34	16	1uH	L1210 LQH	L9, L10, L11, L12, L13, L14, L15, L32, L33, L34, L35, L36, L38, L39, L40, L41	LQH32PN1R0NNC	Top	Inductor Power Lines
35	3	1uH	L1210	L16, L25, L26	LQM32PN1R0MG0	Top	Inductor Power Lines
36	1	3.3uH	XAL4030	L4	XEL4030-332MEB	Top	Magnetic-Core Inductor
37	1	4.7uH	XAL4030	L7	XEL4030-472MEB	Top	Magnetic-Core Inductor
38	2	6.8uH	XAL4030	L5, L8	XEL4030-682MEB	Top	Magnetic-Core Inductor
39	1	10uH	XAL5050	L6	XAL5050-103MEB	Top	Magnetic-Core Inductor
40	1	15uH	XAL5050	L3	XAL5050-153MEB	Top	Magnetic-Core Inductor
41	2	22uH	XAL6060-223	L1, L2	XAL6060-223MEB	Top	Magnetic-Core Inductor
42	1	DP83865DVH	PQFP-128	D27	DP83865DVH	Top	10/100/1000 Ethernet Physical Layer
43	1	CY7C1356C-250AXC	TQFP-100	D13	CY7C1356C-250AXC	Top	CY7C1356C-250AXC
44	1	N25Q128A13ESE40	SOIC8-W	D12	N25Q128A13ESE40	Top	N25Q128A13ESE40
45	1	24LC024	SOIC_SN8	D11	24LC024	Top	I2C EEPROM
46	1	AD9142ABCPZ	LFCSF_VQ-72	D18	AD9142ABCPZ	Top	AD9142ABCPZ
47	1	AD9516-4	LFCSF-64	D8	AD9516-4	Top	AD9516-4
48	2	AD5663RBRMZ-5	MSOP-10	D25, D26	AD5663RBRMZ-5	Top	AD5663RBRMZ-5
49	2	AD7922ARM	MSOP-8	D23, D24	AD7922ARM	Top	AD7922ARM
50	1	ADG3301	SOT-23-6	D10	ADG3301	Top	ADG3301
51	1	LTC2185CUP#PBF-ND	QFN-64	D15	LTC2185CUP#PBF-ND	Top	LTC2185CUP#PBF-ND
52	2	LTC6409CUDB#TRMPBF	QFN-10	D16, D17	LTC6409CUDB#TRMPBF	Top	LTC6409CUDB#TRMPBF
53	2	TPS26600	R-PDSO-G16	D1, D2	TPS26600	Top	TPS26600
54	2	TPS54332	R-PDSO-G8	D4, D6	TPS54332	Top	TPS54332
55	2	LM26420X	HTSSOP-20	D3, D5	LM26420X	Top	LM26420X
56	2	LP38692MP-3.3/NOPB	SOT-223-5	D14, D22	LP38692MP-3.3/NOPB	Top	Linear Regulator
57	1	LP38692MP-5.0/NOPB	SOT-223-5	D19	LP38692MP-5.0/NOPB	Top	Linear Regulator
58	2	LP38692MP-1.8/NOPB	SOT-223-5	D20, D21	LP38692MP-1.8/NOPB	Top	Linear Regulator
59	1	CVHD-950-100.000	CVHD-950	Q1	CVHD-950-100.000	Top	Crystal Oscillator
60	1	KX-13T	SMT 5x7	Q2	KX-13T	Top	Quartz
61	1	HSMS-281C	SOT-323	D9	HSMS-281C	Top	HSMS-281C
62	1	SMF33A	SOD-123F	VD1	SMF33A	Top	SMF33A
63	2	B320A	Diode_SMA	VD2, VD3	B320A	Top	Schottky Diode
64	3	WP934EB/2GD	LED_PACK	H1, H2, H3	WP934EB/2GD	Top	LED Pack For Front Panel
65	1	0826-1X1T-23-F	0826-1X1T-23-F	X6	0826-1X1T-23-F	Top	Gigabit Ethernet Single Port with LEDs
66	2	Mezzanine 714362164	Mezzanine	RX, TX	Mezzanine 714362164	Top	1.00mm Pitch Mezzanine 714362164
67	1	JTAG Header 7x2	Header 14-pin .100"	X3	JTAG Header 7x2	Top	JTAG Header 7x2
68	1	2x2 miniFit DC Power Connector	2x2 PWR_HDR	X1	2x2 miniFit DC Power Connector	Top	Mini-Fit Power Connector
69	1	PJ-059B	True-Hole	X2	PJ-059B	Top	DC Power Connector 6mm
70	1	Molex 0901210764	.100" True-Hole	X4	Molex 0901210764	Top	4-Way .100" Angle PCB Header
71	2	Molex 732512201	SMA	XW1, XW2	Molex 732512201	Top	SMA Right Angle PCB Mount RF Connector
72	1	B3FS-1000	B3FS-1000	SB1	B3FS-1000	Top	Button
73	1	0154005.DR Fast Fuse	SMD Omni Block	F1	0154005.DR Fast Fuse	Top	Fast Chip SMD Fuse

74	4	0.5pF	C0402	C182, C184, C187, C189	GRM1555C1HR50BA01D	Bottom	SMD Capacitor
75	2	22pF	C0402	C288, C289	GRM1555C1E220JA01D	Bottom	SMD Capacitor
76	4	39pF	C0402	C183, C185, C188, C190	GRM1555C1H390FA01D	Bottom	SMD Capacitor
77	1	51pF	C0402	C31	GRM1555C1H510JA01D	Bottom	SMD Capacitor
78	1	130pF	C0402	C19	GRM1555C1H131JA01D	Bottom	SMD Capacitor
79	2	8.2nF	C0402	C20, C32	GRM155R71H822KA88D	Bottom	SMD Capacitor
80	78	10nF	C0402	C38, C39, C40, C41, C42, C43, C44, C45, C46, C47, C48, C49, C50, C51, C52, C53, C54, C60, C61, C62, C63, C64, C65, C66, C67, C68, C69, C70, C71, C72, C73, C74, C75, C76, C77, C83, C89, C90, C91, C92, C93, C94, C95, C96, C97, C98, C99, C100, C101, C102, C103, C104, C105, C106, C107, C113, C114, C115, C116, C117, C118, C156, C157, C158, C159, C160, C161, C164, C166, C168, C169, C170, C171, C172, C173, C174,	GRM155R71E103KA01D	Bottom	SMD Capacitor
81	2	0.01uF	C0402	C8, C9	GRM155R71H103JA88D	Bottom	SMD Capacitor
82	65	0.1uF	C0402	C129, C143, C144, C145, C146, C147, C148, C149, C150, C151, C152, C153, C154, C155, C222, C223, C224, C225, C226, C227, C228, C229, C230, C231, C232, C233, C234, C235, C236, C243, C244, C245, C247, C254, C255, C290, C292, C299, C300, C301, C302, C303, C304, C305, C306, C307, C308, C309, C310, C311, C317, C318, C319, C320, C321, C322, C323, C324, C325, C326, C327, C328, C329, C330, C331	GRM155R71C104KA88J	Bottom	SMD Capacitor
83	1	0.1uF	C0402	C141	GRM188R71C104KA01D	Bottom	SMD Capacitor
84	12	0.1uF	C0402	C7, C10, C11, C23, C186, C191, C282, C283, C284, C285, C286, C287	GRM155R71H104KE14J	Bottom	SMD Capacitor
85	1	0.22uF	C0402	C167	GRM155R71C224KA12D	Bottom	SMD Capacitor
86	1	100pF	C0603	C140	GRM1555C1H101JA01D	Bottom	SMD Capacitor
87	37	220pF	C0603	C34, C36, C56, C58, C79, C81, C85, C87, C109, C111, C120, C122, C125, C127, C163, C177, C179, C201, C203, C206, C208, C238, C240, C249, C251, C260, C262, C265, C267, C270, C272, C275, C277, C295, C297, C313, C315	GRM188R71H221KA01D	Bottom	SMD Capacitor
88	1	2.4nF	C0603	C30	GRM1885C1H242JA01D	Bottom	SMD Capacitor
89	1	4.7nF	C0603	C18	GRM1885C1H472JA01D	Bottom	SMD Capacitor
90	37	0.1uF	C0603	C33, C35, C55, C57, C78, C80, C84, C86, C108, C110, C119, C121, C124, C126, C162, C176, C178, C200, C202, C205, C207, C237, C239, C248, C250, C259, C261, C264, C266, C269, C271, C274, C276, C294, C296, C312, C314	GRM188R71C104KA01D	Bottom	SMD Capacitor
91	2	0.47uF	C0603	C21, C22	GRM188R71A474KA61D	Bottom	SMD Capacitor
92	2	2.2uF	C0603	C194, C197	GRM188R71A225KE15D	Bottom	SMD Capacitor
93	2	4.7uF	C0805	C12, C24	GRM21BR61H475KE51L	Bottom	SMD Capacitor
94	4	10uF	C0805	C13, C14, C26, C28	GRM21BR71A106KE51L	Bottom	SMD Capacitor
95	5	10uF	C1210	C1, C2, C3, C4, C15	GRM32ER71H106KA12L	Bottom	SMD Capacitor
96	1	22uF	C1210	C25	GRM32ER71E226KE15L	Bottom	SMD Capacitor
97	1	33uF	C1210	C132	GRM32DR60J336ME19L	Bottom	SMD Capacitor
98	9	47uF	C1210	C16, C17, C27, C29, C165, C241, C242, C252, C253	GRM32ER71A476KE15L	Bottom	SMD Capacitor
99	2	100uF	C1210	C216, C221	GRM32ER60J107ME20L	Bottom	SMD Capacitor
100	2	22uF	Tantalum_D	C5, C6	TPSD226K035R0200	Bottom	Tantalum Capacitor
101	1	0	R0402	R92	ERJ-2GE0R00X	Bottom	SMD Resistor
102	1	24.9	R0402	R33	ERJ-2RKF24R9X	Bottom	SMD Resistor
103	4	27.4	R0402	R68, R73, R81, R88	ERJ-2RKF27R4X	Bottom	SMD Resistor
104	2	33	R0402	R126, R127	ERJ-2GEJ330X	Bottom	SMD Resistor
105	4	36.5	R0402	R69, R72, R84, R87	ERJ-2RKF36R5X	Bottom	SMD Resistor
106	1	49.9	R0402	R39	ERJ-2RKF49R9X	Bottom	SMD Resistor
107	8	68	R0402	R43, R45, R51, R52, R55, R59, R124, R125	ERJ-2GEJ680X	Bottom	SMD Resistor
108	4	86.6	R0402	R64, R76, R79, R91	ERJ-2RKF86R6X	Bottom	SMD Resistor
109	3	100	R0402	R74, R89, R96	ERJ-2GEJ101X	Bottom	SMD Resistor
110	4	150	R0402	R66, R67, R82, R83	ERJ-2RKF1500X	Bottom	SMD Resistor
111	4	243	R0402	R63, R75, R78, R90	ERJ-2RKF2430X	Bottom	SMD Resistor
112	4	330	R0402	R56, R58, R108, R109	ERJ-2GEJ331X	Bottom	SMD Resistor
113	4	402	R0402	R62, R65, R77, R80	ERJ-2RKF4020X	Bottom	SMD Resistor
114	3	909	R0402	R99, R101, R116	ERJ-2RKF9090X	Bottom	SMD Resistor
115	3	2k	R0402	R105, R122, R123	ERJ-2GEJ202X	Bottom	SMD Resistor
116	2	2.2k	R0402	R46, R47	ERJ-2GEJ222X	Bottom	SMD Resistor
117	1	2.55k	R0402	R11	ERJ-2RKF2551X	Bottom	SMD Resistor
118	1	4.12k	R0402	R61	ERJ-2RKF4121X	Bottom	SMD Resistor
119	3	4.7k	R0402	R35, R37, R53	ERJ-2GEJ472X	Bottom	SMD Resistor
120	2	6.04k	R0402	R6, R8	ERJ-2RKF6041X	Bottom	SMD Resistor
121	1	9.31k	R0402	R15	ERJ-2RKF9311X	Bottom	SMD Resistor
122	1	9.76k	R0402	R128	ERJ-2RKF9761X	Bottom	SMD Resistor
123	1	10k	R0402	R42	ERJ-2GEJ103X	Bottom	SMD Resistor
124	4	10.2k	R0402	R18, R19, R27, R28	ERJ-2RKF1022X	Bottom	SMD Resistor
125	1	12.7k	R0402	R22	ERJ-2RKF1272X	Bottom	SMD Resistor
126	1	19.1k	R0402	R24	ERJ-2RKF1912X	Bottom	SMD Resistor
127	1	21.5k	R0402	R12	ERJ-2RKF2152X	Bottom	SMD Resistor
128	1	31.6k	R0402	R23	ERJ-2RKF3162X	Bottom	SMD Resistor
129	2	1M	R0402	R30, R36	ERJ-2GEJ105X	Bottom	SMD Resistor
130	4	51	EX24V	R117, R118, R119, R120	EXB-24V510JX	Bottom	Chip Resistor Array
131	1	100	EX24V	R41	EXB-24V101JX	Bottom	Chip Resistor Array
132	3	200	EX24V	R44, R48, R50	EXB-24V201JX	Bottom	Chip Resistor Array
133	4	2k	EXN8V	R100, R106, R107, R113	EXB-N8V202JX	Bottom	Chip Resistor Array
134	2	1uH	L1206	L31, L37	LQM31PN1R0M00	Bottom	Inductor Power Lines
135	4	1uH	L1210	L27, L28, L29, L30	LQM32PN1R0MG0	Bottom	Inductor Power Lines
136	1		SOT-23	T1	2N7002	Bottom	N-Channel MOSFET 2N7002
137	2		Diode_SMC	VD4, VD5	B550C	Bottom	Schottky Diode