

Qty	Value	Part Num	Package	Parts	Mfg Name	VID	Vendor Part Num	Description	Pkg Code	
24	.1uF	CGA3E2X7R1H104K080A	C0603B	C5, C6, C8, C9, C10, C11, C15, C16, C18, C20, C21, C24, C25, C27, C28, C33, C34, C35, C36, C39, C42, C43, C44, C45	TDK Corporation	DK	445-5666-1-ND	CAP CER 0.1UF 50V 10% X7R 0603	0603 (1608 Metric)	
1	0R	CRCW06030000Z0EA	R0603B	R24	Vishay Dale	DK	541-0.0GCT-ND	RES 0.0 OHM 1/10W JUMP 0603 SM	0603 (1608 Metric)	
1	1A fuse	0001.2504	*	PH1	Schurter Inc.	DK	486-1782-ND	FUSE CERM 1A 250VAC 300VDC 5X	5mm x 20mm	
1	1X2_70543	0705430001	MOLEX_70543-000	J5	Molex, LLC	DK	WM4800-ND	CONN HEADER 2POS .100 VERT GO	None	
5	1k	CRCW06031K00FKEA	R0603B	R10, R16, R20, R27, R30	Vishay Dale	DK	541-1.00KHCT-ND	RES 1.00K OHM 1/10W 1% 0603 SMD	0603 (1608 Metric)	
1	1k1	CRCW06031K10FKEA	R0603B	R33	Vishay Dale	DK	541-1.10KHCT-ND	RES SMD 1.1K OHM 1% 1/10W 0603	0603 (1608 Metric)	
2	1uF	CGA3E3X5R1H105K080A	C0603B	C23, C26	TDK Corporation	DK	445-7878-1-ND	CAP CER 1UF 50V 10% X5R 0603	0603 (1608 Metric)	
2	2.2uF	C1608X5R1V225K080AC	C0603B	C22, C32	TDK Corporation	DK	445-8025-1-ND	CAP CER 2.2UF 35V 10% X5R 0603	0603 (1608 Metric)	
1	2x1 housing	0050579402	*	PH6	Molex, LLC	DK	WM2900-ND	CONN HOUSING 2POS .100 W/LATC	None	
1	2x8 header	SBH11-PBPC-D08-ST-BK	ML16	J2	Sullins Connector Solutions	DK	S9171-ND	CONN HEADER 2.54MM 16POS GOL	None	
1	2x8 ribbon cable	H3CCH-1606G	*	PH7	Assmann WSW Components	DK	H3CCH-1606G-ND	IDC CABLE - HKC16H/AE16G/HKC16	None	
6	4k75	CRCW06034K75FKEA	R0603B	R12, R13, R15, R17, R29, R31	Vishay Dale	DK	541-4.75KHCT-ND	RES 4.75K OHM 1/10W 1% 0603 SMD	0603 (1608 Metric)	
2	5pF	CGA3E2C0G1H050C080A	C0603B	C29, C30	TDK Corporation	DK	445-5622-1-ND	CAP CER 5PF 50V NP0 0603	0603 (1608 Metric)	
1	5x20	64900001039	649	FUSE1	Littelfuse Inc	DK	WK0011-ND	FUSE BLOCK CART 250V 6.3A PCB	None	
2	10X1_70553-0009	0705530009	MOLEX_70553-(10)	J1, J3	Molex, LLC	DK	WM4908-ND	CONN HEADER 10POS .100 R/A GOL	None	
14	10k	CRCW060310K0FKEA	R0603B	R11, R32, R41, R42, R43, R44, R45, R46, R47, R48, R49, R50, R51, R52	Vishay Dale	DK	541-10.0KHCT-ND	RES 10.0K OHM 1/10W 1% 0603 SMD	0603 (1608 Metric)	
5	10uF	C1608X6S1A106M080AC	C0603B	C2, C7, C13, C38, C40	TDK Corporation	DK	445-9019-1-ND	CAP CER 10UF 10V 20% X6S 0603	0603 (1608 Metric)	
2	10uF 50v	CL31A106KBHNNNE	C1206B	C37, C41	Samsung Electro-Mechanics America, In	DK	1276-2876-1-ND	CAP CER 10UF 50V 10% X5R 1206	1206 (3216 Metric)	
2	10x1 housing	0050579410	*	PH2	Molex Inc	DK	WM2908-ND	CONN HOUSING 10POS .100 W/LAT	None	
1	12k1	CRCW060312K1FKEA	R0603B	R1	Vishay Dale	DK	541-12.1KHCT-ND	RES 12.1K OHM 1/10W 1% 0603 SMD	0603 (1608 Metric)	
2	18pF	CGA3E2C0G1H180J080A	C0603B	C12, C14	TDK Corporation	DK	445-5631-1-ND	CAP CER 18PF 50V 5% NP0 0603	0603 (1608 Metric)	
1	20MHz	7A-20.000MAHE-T	5X3.2	Y2	TXC CORPORATION	DK	887-1766-1-ND	CRYSTAL 20MHZ 12PF SMD	2-SMD	
5	22uF	293D226X96R3B2TE3	B/3528-21R	C3, C4, C17, C19, C31	Vishay Sprague	DK	718-1140-1-ND	CAP TANT 22UF 6.3V 10% 1411	1411 (3528 Metric)	
1	24AA02E48T-I/OT	24AA02E48T-I/OT	SOT-23-5	IC3	Microchip Technology	DK	24AA02E48T-I/OTCT-N	IC EEPROM 2KBIT 400KHZ SOT23-5	SC-74A, SOT-753	
1	25MHz	7A-25.000MAHE-T	5X3.2	Y1	TXC CORPORATION	DK	887-1771-1-ND	CRYSTAL 25MHZ 12PF SMD	2-SMD	
2	33R2	CRCW060333R2FKEA	R0603B	R14, R18	Vishay Dale	DK	541-33.2HCT-ND	RES 33.2 OHM 1/10W 1% 0603 SMD	0603 (1608 Metric)	
1	47R5	CRCW060347R5FKEA	R0603B	R21	Vishay Dale	DK	541-47.5HCT-ND	RES 47.5 OHM 1/10W 1% 0603 SMD	0603 (1608 Metric)	
8	49R9	CRCW060349R9FKEA	R0603B	R2, R3, R4, R5, R6, R7, R8, R9	Vishay Dale	DK	541-49.9HCT-ND	RES 49.9 OHM 1/10W 1% 0603 SMD	0603 (1608 Metric)	
6	61k9	CRCW060361K9FKEA	R0603B	R19, R22, R23, R25, R26, R28	*	DK	*	*	*	
5	100R	MPZ1608S101A	R0603B	L1, L2, L3, L4, L5	TDK Corporation	DK	445-1564-1-ND	FERRITE CHIP 100 OHM 3A 0603	0603 (1608 Metric)	
1	100uF	EEU-FM1H101	E3, 5-8	C100	Panasonic Electronic Components	DK	P12392-ND	CAP ALUM 100UF 20% 50V RADIAL	Radial, Can	
4	120R	CRCW1206120RKEA	R1206B	R37, R38, R39, R40	Vishay Dale	DK	541-120FCT-ND	RES SMD 120 OHM 1% 1/4W 1206	1206 (3216 Metric)	
1	220R	742C083221JP	CTS_742-4	RN1	CTS Resistor Products	DK	742C083221JPCT-ND	RES ARRAY 220 OHM 4 RES 1206	1206 (3216 Metric), Concave, Long Side Terminals	
3	475R	CRCW0603475RFKEA	R0603B	R34, R35, R36	Vishay Dale	DK	541-475HCT-ND	RES 475 OHM 1/10W 1% 0603 SMD	0603 (1608 Metric)	
5	1000 Ohm	MMZ1608R102A	R0603B	L6, L7, L8, L9, L10	TDK Corporation	DK	445-1548-1-ND	FERRITE CHIP 1000 OHM 400MA 060	0603 (1608 Metric)	
1	1000pF 2kV	202R18W102KV4E	C1206B	C1	Johanson Dielectrics Inc	DK	709-1036-1-ND	CAP CER 1000PF 2KV 10% X7R 1206	1206 (3216 Metric)	
7	CDBM140-G	CDBM140-G	SOD-123	D2, D10, D11, D12, D13, D14, D15	Comchip Technology	DK	641-1325-1-ND	DIODE SCHOTTKY 40V 1A MINISMA	SOD-123F	
1	KSZ8863MLLI	KSZ8863MLLI	TQFP48	IC1	Microchip Technology	DK	576-3751-ND	IC ETHERNET SWITCH 3PORT 48-L	48-LQFP	
4	LTC2863	LTC2863IS8-1#PBF	SO08	IC4, IC5, IC6, IC7	Linear Technology	DK	LTC2863IS8-1#PBF-ND	IC TRANSCEIVER RS485 8-SOIC	8-SOIC (0.154", 3.90mm Width)	
2	MAGJACK-SI-60062-F	SI-60062-F	SI-60062-F	J102, J103	Stewart Connector	DK	380-1106-ND	CONN MAGJACK 1PORT 100 BASE-	None	
2	NFET-IRLML0060-SOT23	IRLML0060TRPBF	SOT-23	Q2, Q9	Infineon Technologies Americas Corp.	DK	IRLML0060TRPBFCT-N	MOSFET N-CH 60V 2.7A SOT-23-3	TO-236-3, SC-59, SOT-23-3	
1	OKI-78SR-3.3/1.5-W36-C	OKI-78SR-3.3/1.5-W36-C	OKI-78SR-V	IC101	Murata Power Solutions Inc.	DK	811-2195-5-ND	CONV DC/DC 4.95W 36VIN 3.3VOUT	3-SIP Module	
1	OKI-78SR-5/1.5-W36-C	OKI-78SR-5/1.5-W36-C	OKI-78SR-V	IC100	Murata Power Solutions Inc.	DK	811-2196-5-ND	CONV DC/DC 7.5W 36VIN 5VOUT	3-SIP Module	
1	PJ-102AH	PJ-102AH	PJ-102(DC_JACK)	J100	CUI Inc	DK	CP-102AH-ND	CONN PWR JACK 2.1X5.5MM HIGH	None	
4	RJ-12 plug	940-SP-3066	*	PH4	Stewart Connector	DK	380-1004-ND	CONN MOD PLUG 6P6C UNSHIELDE	None	
1	RJ-12 wire	*	*	PH5	*	DK	*	*	*	
1	RJ12-QUAD	SS-666604-NF	SS-666604-NF	J101	Stewart Connector	DK	380-1032-ND	CONN MOD JACK 6P6C R/A UNSHL	None	
4	SCREW-632-0-PSHP	*	SMTPR-6-1	SCREW1, SCREW2, SCREW3, SCREW4	*	DK	*	*	*	
2	SH-7050TA	SH-7050TA	SH-7050TA	S1, S2	Copal Electronics Inc	DK	563-1213-1-ND	SWITCH ROTARY HEX 16POS SMD	None	
1	STM32-SW-DF13V	DF13C-6P-1.25V(20)	DF13-6P-1.25V	J4	Hirose Electric Co Ltd	DK	H2211-ND	CONN HEADER 6POS 1.25MM SMD	None	
1	STM32F407VGT6	STM32F407VGT6	LQFP-100	IC2	STMicroelectronics	DK	497-11605-ND	IC MCU 32BIT 1MB FLASH 100LQFP	100-LQFP	
22	contact for c-grid 22-24awg gol	0016020103	*	PH3	Molex, LLC	DK	WM2512-ND	CONN TERM FEMALE 22-24AWG GO	None	
8	green	LTST-C190KGKGT	CHIPLED_0603	LED1, LED3, LED4, LED5, LED6, POWER, POWER1, POWER2	Lite-On Inc	DK	160-1435-1-ND	LED GREEN CLEAR 0603 SMD	0603 (1608 Metric)	
1	red	LTST-C190KRKRT	CHIPLED_0603	LED2	Lite-On Inc	DK	160-1436-1-ND	LED SUPER RED CLEAR 0603 SMD	0603 (1608 Metric)	