Qty	Value	Part Num	Package	Parts	Mfg Name	VID	Vendor Part Num	Description	Pkg Code
6		LTW-006DCG-E2	LTW-006DCG	LED50, LED51, LED52, LED53, LED54, LED55	Lite-On Inc.	DK	160-1870-1-ND	LED WHITE 2SMD R/A	2-SMD, No Lead
3	.1uF	*	C0603B	C23, C26, C80	*	*	*	*	*
40	.1uF	CGA3E2X7R1H104K080AA	C0603B	C1, C2, C4, C8, C9, C10, C11, C14, C24, C25, C36, C38, C40, C42, C43, C44, C45, C47, C50, C51, C52, C53, C55, C59, C60, C62, C66, C67, C68, C69, C71, C78, C79, C83, C84, C86, C90, C91, C92, C93	TDK Corporation	DK	445-5666-1-ND	CAP CER 0.1UF 50V 10% X7R 0603	0603 (1608 Metric)
9	1R5	CRCW06031R50FKEA	R0603B	R19, R20, R24, R29, R36, R37, R84, R86, R92	Vishay Dale	DK	541-1.50HHCT-ND	RES SMD 1.5 OHM 1% 1/10W 0603	0603 (1608 Metric)
1	1X2-MTA156	640445-2	640445-2	J1	TE Connectivity	DK	A1971-ND	CONN HEADER VERT 2POS .156 TIN	None
11	1uF	CGA3E3X5R1H105K080AB	C0603B	C12, C17, C18, C31, C32, C41, C54, C73, C74, C75, C94	TDK Corporation	DK	445-7878-1-ND	CAP CER 1UF 50V 10% X5R 0603	0603 (1608 Metric)
3	2.2uF	C1608X5R1V225K080AC	C0603B	C16, C33, C72	TDK Corporation	DK	445-8025-1-ND	CAP CER 2.2UF 35V 10% X5R 0603	0603 (1608 Metric)
10	2k2	CAY16-2201F4LF	CAY16	RN1, RN2, RN3, RN4, RN5, RN6, RN7, RN8, RN9, RN10	Bourns Inc.	DK	CAY16-2201F4LFCT-N	RES ARRAY 4 RES 2.2K OHM 1206	1206 (3216 Metric), Convex, Long Side Terminals
11	2k2	CRCW06032K20FKEA	R0603B	R2, R14, R15, R38, R39, R65, R66, R80, R81, R105, R106	Vishay Dale	DK	541-2.20KHCT-ND	RES SMD 2.2K OHM 1% 1/10W 0603	0603 (1608 Metric)
3	2k49	CRCW06032K49FKEA	R0603B	R25, R28, R90	Vishay Dale	DK	541-2.49KHCT-ND	RES SMD 2.49K OHM 1% 1/10W 0603	0603 (1608 Metric)
5	3.3V	TC2185-3.3VCTTR	SOT-23-5	IC1, IC8, IC11, IC16, IC23	Microchip Technology	DK	TC2185-3.3VCCT-ND	IC REG LDO 3.3V 0.15A SOT23-5	SC-74A, SOT-753
3	3.3uH	SRP1265A-3R3M	*	L1, L2, L3	Bourns Inc.	DK	SRP1265A-3R3MCT-N	FIXED IND 3.3UH 18A 6.8 MOHM SMD	Nonstandard
6	4.7uF	UMK316AB7475KL-T	C1206NT	C20, C21, C28, C29, C76, C77	Taiyo Yuden	DK	587-2994-1-ND	CAP CER 4.7UF 50V X7R 1206	1206 (3216 Metric)
1	4A	64900001039	649	FUSE1	Littelfuse Inc	DK	WK0011-ND	FUSE BLOCK CART 250V 6.3A PCB	None
1	4A Fuse	BK1-S505H-4-R	*	PH1	Eaton Bussmann	DK	283-3533-ND	FUSE CERM 4A 600VAC 400VDC 5X20	5mm x 20mm
3	4k75	CRCW06034K75FKEA	R0603B	R51, R52, R54	Vishay Dale	DK	541-4.75KHCT-ND	RES 4.75K OHM 1/10W 1% 0603 SMD	0603 (1608 Metric)
56	10k	CRCW060310K0FKEA	R0603B	R4, R5, R6, R7, R9, R10, R11, R12, R13, R17, R22, R23, R30, R31, R32, R33, R40, R42, R43, R45, R46, R47, R49, R50, R55, R56, R57, R58, R59, R60, R61, R62, R64, R68, R71, R72, R73, R74, R76, R77, R78, R79, R82, R85, R87, R88, R95, R96, R97, R98, R100, R101, R102, R103, R104, R108	Vishay Dale	DK	541-10.0KHCT-ND	RES 10.0K OHM 1/10W 1% 0603 SMD	0603 (1608 Metric)
49	10k	NCP18XH103F03RB	R0603Y	RT1, RT3, RT4, RT5, RT6, RT7, RT8, RT9, RT10, RT11, RT12, RT13, RT14, RT15, RT16, RT17, RT18, RT19, RT20, RT21, RT22, RT23, RT24, RT25, RT26, RT27, RT28, RT29, RT30, RT31, RT32, RT33, RT34, RT35, RT36, RT37, RT38, RT39, RT40, RT41, RT42, RT43, RT44, RT45, RT46, RT47, RT48, RT49	Murata Electronics North America	DK	490-4800-1-ND	THERMISTOR 10K OHM NTC 0603 SMD	0603 (1608 Metric)
10	10uF	C1608X6S1A106M080AC	C0603B	C3, C5, C35, C37, C46, C48, C61, C63, C85, C87	TDK Corporation	DK	445-9019-1-ND	CAP CER 10UF 10V 20% X6S 0603	0603 (1608 Metric)
1	10uF 16v	CGA4J1X5R1C106K125AC	C0805B	C57	TDK Corporation	DK	445-7883-1-ND	CAP CER 10UF 16V 10% X5R 0805	0805 (2012 Metric)
1	10uF 50V	CL31A106KBHNNNE	C1206NT	C58	Samsung Electro-Mechanics America, In	DK	1276-2876-1-ND	CAP CER 10UF 50V 10% X5R 1206	1206 (3216 Metric)
1	12V	P7805-Q24-S12-S	P7805	IC15	CUI Inc.	DK	102-2708-ND	CONVERT DC/DC 0.5A 12V OUT	3-SIP Module
1	24V	4.0SMDJ24A	SMC/DO214AB	TVS1	Littelfuse Inc.	DK	F6499CT-ND	TVS DIODE 24VWM 38.9VC DO-214AB	DO-214AB, SMC
5	47R5	CRCW060347R5FKEA	R0603B	R3, R44, R48, R70, R89	Vishay Dale	DK	541-47.5HCT-ND	RES 47.5 OHM 1/10W 1% 0603 SMD	0603 (1608 Metric)
3	68uF	PLV1H680MDL1	E5-10,5	C19, C30, C82	Nichicon	DK	493-14182-ND	CAP POLYMER 68UF 20% 50V T/H	Radial, Can
1	120R	CRCW1206120RFKEA	R1206B	R94	Vishay Dale	DK	541-120FCT-ND	RES SMD 120 OHM 1% 1/4W 1206	1206 (3216 Metric)
3	220uF	16SEPC220MD	E3,5-8	C15, C34, C70	Panasonic Electronic Components	DK	P16296-ND	CAP POLYMER 220UF 20% 16V T/H	Radial, Can
1	274R	CRCW0805274RFKEA	R0805B	R1	Vishay Dale	DK	541-274CCT-ND	RES SMD 274 OHM 1% 1/8W 0805	0805 (2012 Metric)
10	324R	CRCW0603324RFKEA	R0603B	R8, R16, R18, R41, R67, R69, R75, R83, R99, R107	Vishay Dale	DK	541-324HCT-ND	RES SMD 324 OHM 1% 1/10W 0603	0603 (1608 Metric)
3	475R	CRCW0603475RFKEA	R0603B	R26, R27, R91	Vishay Dale	DK	541-475HCT-ND	RES 475 OHM 1/10W 1% 0603 SMD	0603 (1608 Metric)
1	1000 Ohm	MMZ1608R102A	*	L4	TDK Corporation	DK	445-1548-1-ND	FERRITE CHIP 1000 OHM 400MA 0603	0603 (1608 Metric)
10	1000uF	EKZN160ELL102MJ16S	E5-10,5	C6, C7, C13, C39, C49, C56, C64, C65, C88, C89	United Chemi-Con	DK	565-4236-ND	CAP ALUM 1000UF 20% 16V RADIAL	Radial, Can
1	COMP_FAN-47053	0470531000	47053	J8	Molex, LLC	DK	WM4330-ND	CONN 4 PIN HEADER	None
1	DS2411R or 11AA02E48	11AA02E48T-I/TT	SOT-23	IC20	Microchip Technology	DK	11AA02E48T-I/TTCT-N	IC EEPROM 2KBIT 100KHZ SOT23-3	TO-236-3, SC-59, SOT-23-3
49	LED_RGB-LRTB-D	LRTBC9TP-CWD5-1+D5E7-25+	LRTB_C9TP-D	LED1, LED2, LED3, LED4, LED5, LED6, LED7, LED8, LED9, LED10, LED11, LED12, LED13, LED14, LED15, LED16, LED17, LED18, LED19, LED20, LED21, LED22, LED23, LED24, LED25, LED26, LED27, LED28, LED29, LED30, LED31, LED32, LED33, LED34, LED35, LED36, LED37, LED38, LED39, LED40, LED41, LED42, LED43, LED44, LED45, LED46, LED47, LED48, LED49	OSRAM Opto Semiconductors Inc.	DK	475-2898-1-ND	LED RED/GREEN/BLUE DIFF SMD	6-SMD, No Lead
1	LTC2863	LTC2863IS8-1#PBF	SO08	IC22	Linear Technology	DK	LTC2863IS8-1#PBF-ND	IC TRANSCEIVER RS485 8-SOIC	8-SOIC (0.154"", 3.90mm Width)
3	MIC26901	MIC26901YJL-TR	MLF28_5X6	IC6, IC7, IC21	Microchip Technology	DK	576-3957-1-ND	IC REG BUCK ADJ 9A SYNC 28MLF	28-PowerVQFN Variant, 28-MLF®
5	MMZ1608R102A	MMZ1608R102A	R0603B	FB1, FB2, FB3, FB4, FB5	TDK Corporation	DK	445-1548-1-ND	FERRITE CHIP 1000 OHM 400MA 0603	0603 (1608 Metric)
1	NFET-2N7002P,215-SOT2	2N7002P,215	SOT-23	Q1	NXP Semiconductors	DK	568-5818-1-ND	MOSFET N-CH 60V 0.36A SOT-23	TO-236-3, SC-59, SOT-23-3
4	NUTSMTSO-632	*	SMTSO-632-2ET	NUT1, NUT2, NUT3, NUT4	*	*	*	*	*
4	NUTSMTSO-832	*	SMTSO-832-2ET	NUT5, NUT6, NUT7, NUT8	*	*	*	*	*
1	RJ12-JACK-RJE01	RJE0166001	RJE01-660-01	J2	Amphenol Commercial Products	DK	RJE0166001-ND	CONN MOD JACK 6P6C R/A UNSHLD	None
8	SCREW-632-0-PSHP	*	SMTPR-6-1	SCREW1, SCREW2, SCREW3, SCREW4, SCREW5, SCREW6, SCREW7, SCREW8	*	*	*	*	*
3	SD103AW	SD103AWS-7-F	SOD-323	D1, D2, D3	Diodes Incorporated	DK	SD103AWS-FDICT-ND	DIODE SCHOTTKY 40V 350MA SOD323	SC-76, SOD-323
49	SPDTDB2CC1AA	DB2CC1AA	DB2CC1AA	S1, S2, S3, S4, S5, S6, S7, S8, S9, S10, S11, S12, S13, S14, S15, S16, S17, S18, S19, S20, S21, S22, S23, S24, S25, S26, S27, S28, S29, S30, S31, S32, S33, S34, S35, S36, S37, S38, S39, S40, S41, S42, S43, S44, S45, S46, S47, S48, S49	Cherry	DK	CH883-ND	SWITCH SNAP SPDT 10A PC MNT 125V	None
5	STM32F030C8	STM32F030C8T6	LQFP-48	IC3, IC9, IC13, IC18, IC25	STMicroelectronics	DK	497-14043-ND	IC MCU ARM 64K FLASH 48LQFP	48-LQFP
10	TLC59401PWP	TLC59401PWPR	TSSOP28_PAD	IC2, IC4, IC5, IC10, IC12, IC14, IC17, IC19, IC24, IC26	Texas Instruments	DK	296-25565-1-ND	IC LED Driver Linear 120mA Backlight, Signage 28-HTSS	REF374
5	TP-CIR30	*	SMD_CIR30	TP1, TP2, TP3, TP4, TP5	*	*	*	*	*
1	Wire mount connector	3-644465-2	*	PH2	TE Connectivity AMP Connectors	DK	A31372-ND	CONN RECEPT 2POS 18AWG MTA156	*
3	dnp	*	C0603B	C22, C27, C81	*	*	*	*	*
1	dnp	*	PWR-1/4-BRICK	PWR1	*	*	*	*	*
4	dnp	*	R0603B	R21, R34, R53, R93	*	*	*	*	*
2	dnp	*	R0805B	R35, R63	*	*	*	*	*
5	dnp	*	TC2030-IDC-NL	J3, J4, J5, J6, J7	*	*	*	*	*
3	red	LTST-C190KRKT	CHIPLED_0603	5V-A_FAIL, 5V-B_FAIL, 5V-C_FAIL	Lite-On Inc	DK	160-1436-1-ND	LED SUPER RED CLEAR 0603 SMD	0603 (1608 Metric)
1	strain relief	643071-2	*	PH3	TE Connectivity AMP Connectors	DK	A19780-ND	CONN STRAIN RELIEF COVER 2POS	None