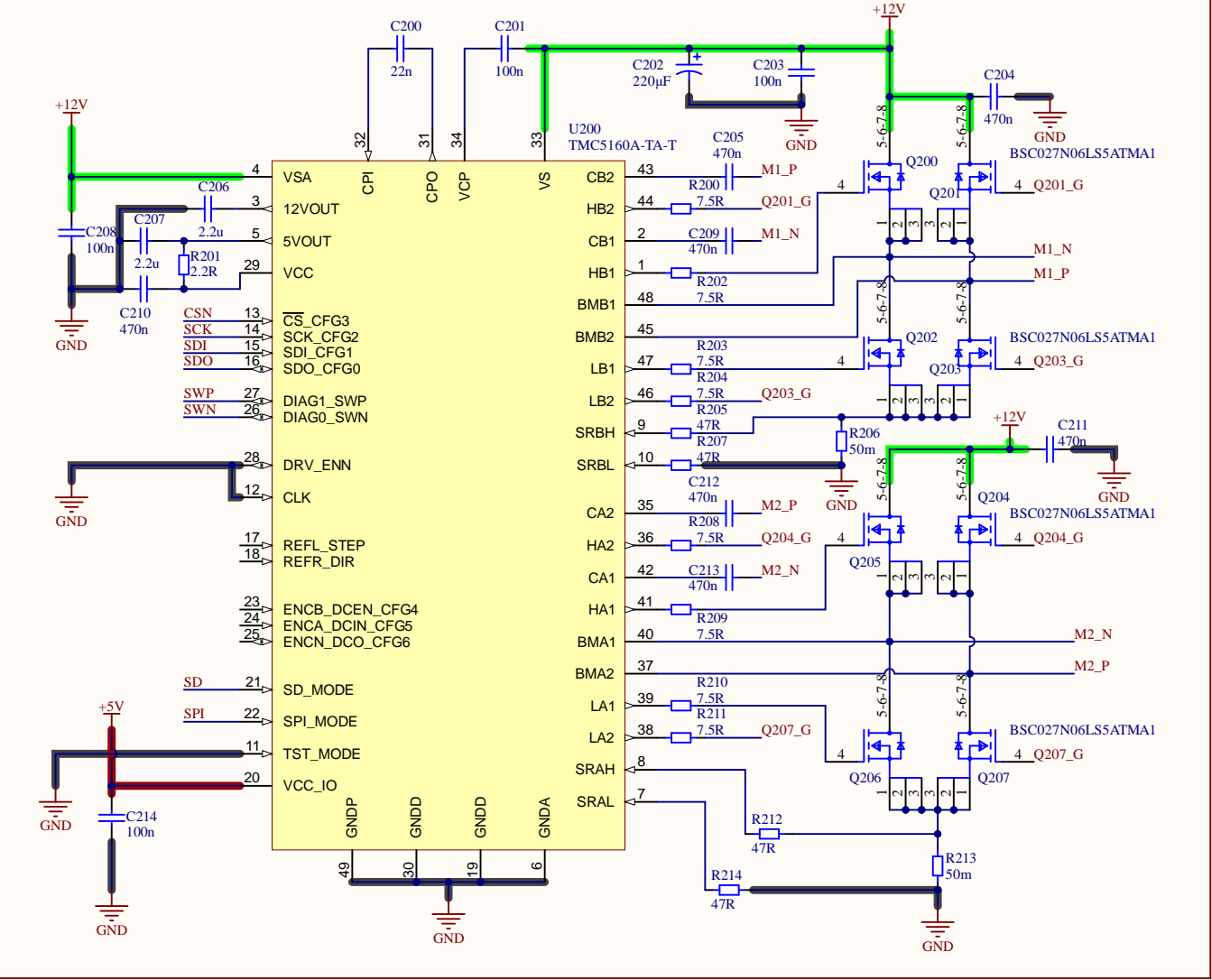
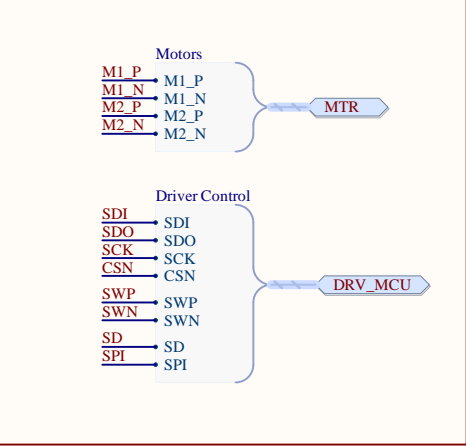


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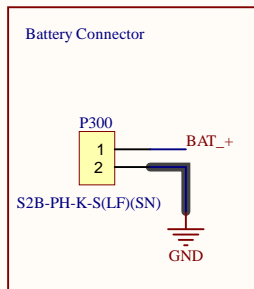
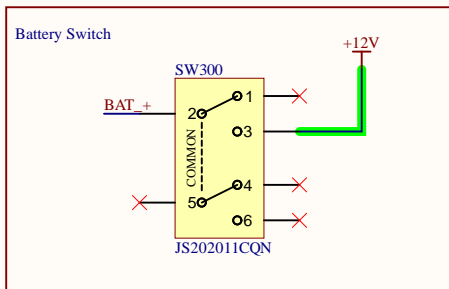
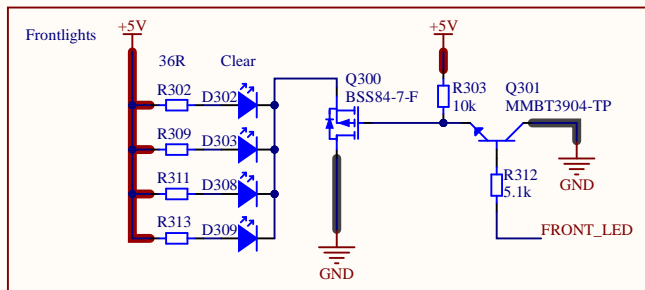
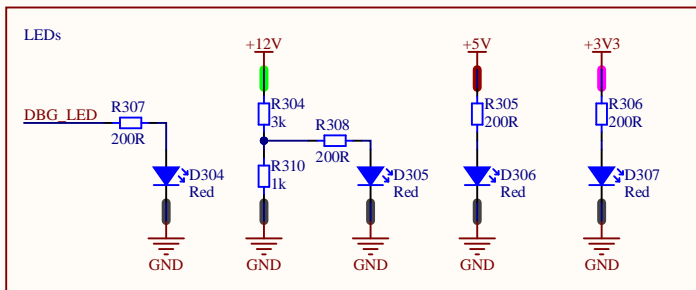
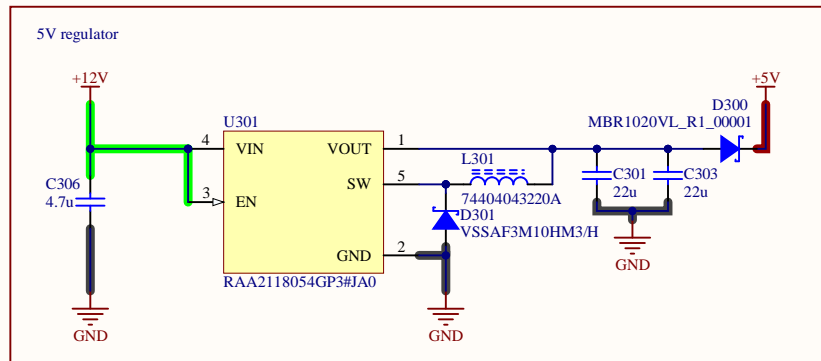
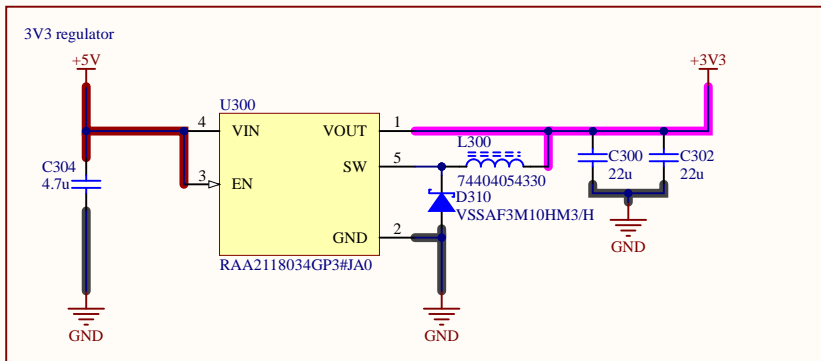
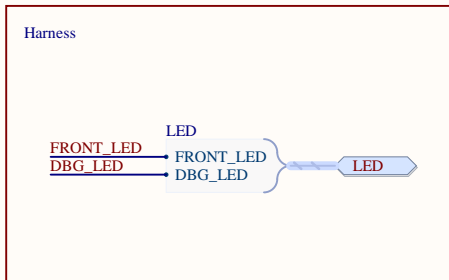
Motor Driver



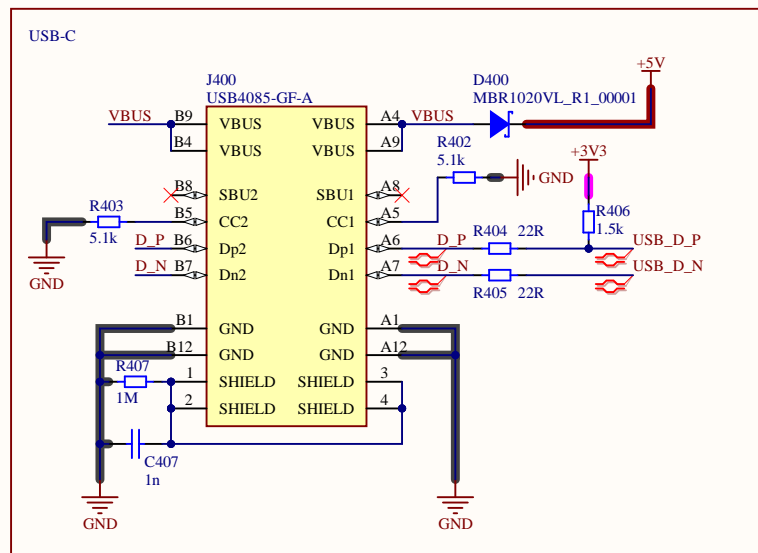
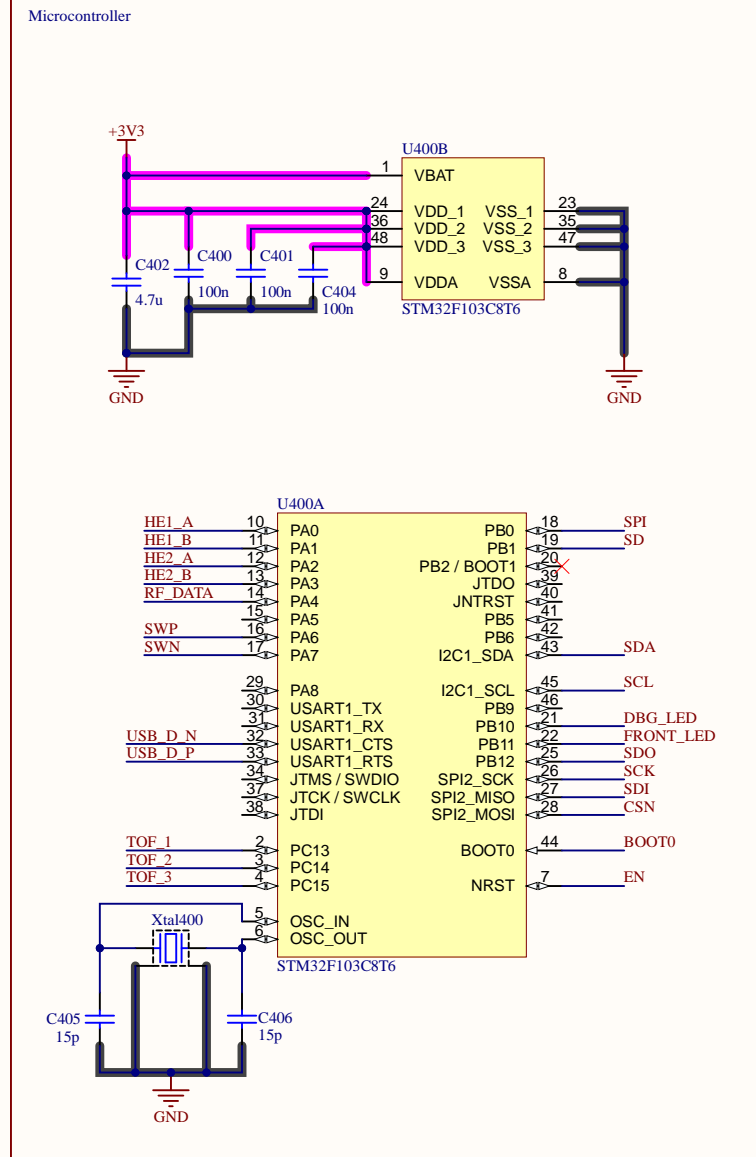
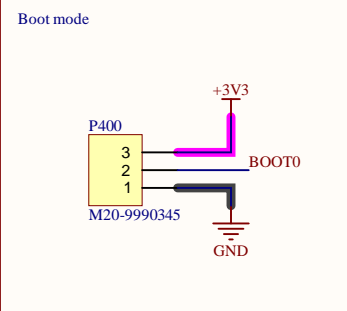
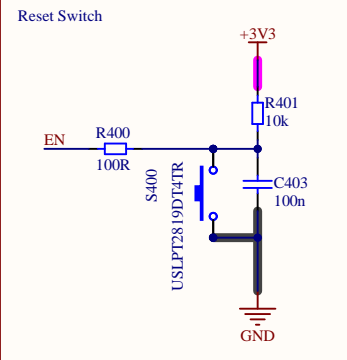
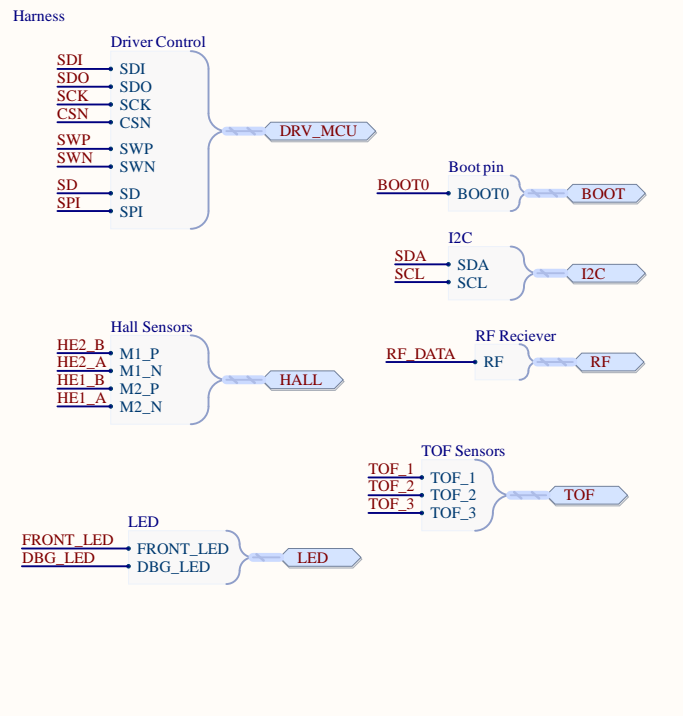
Harness



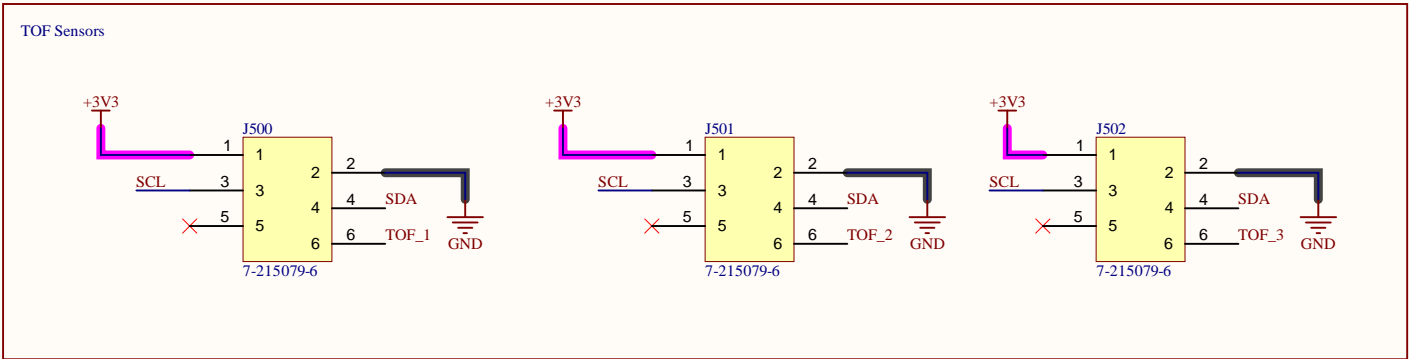
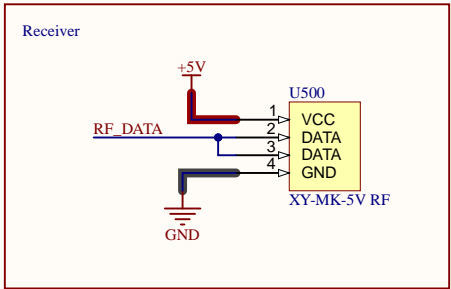
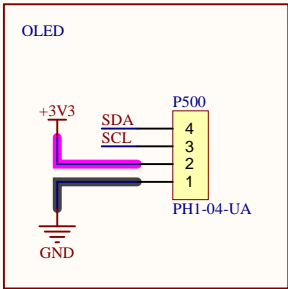
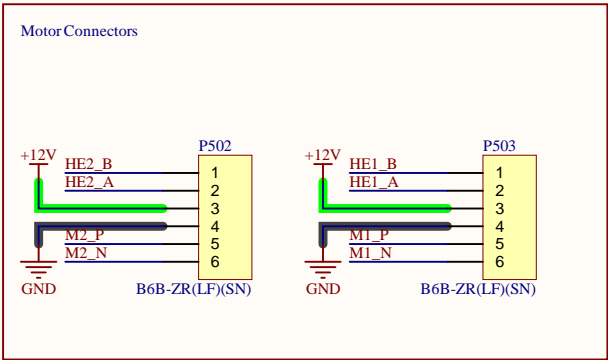
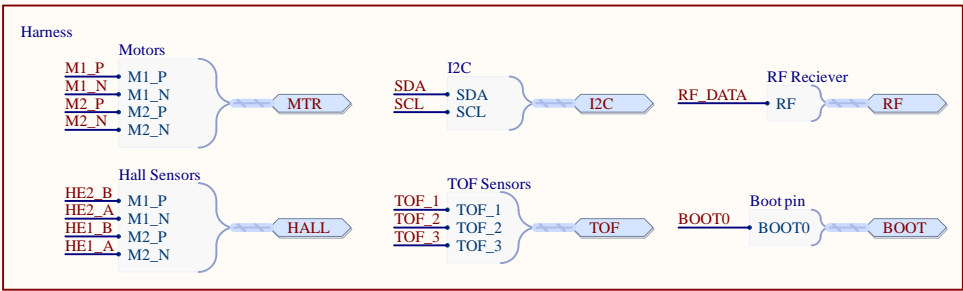
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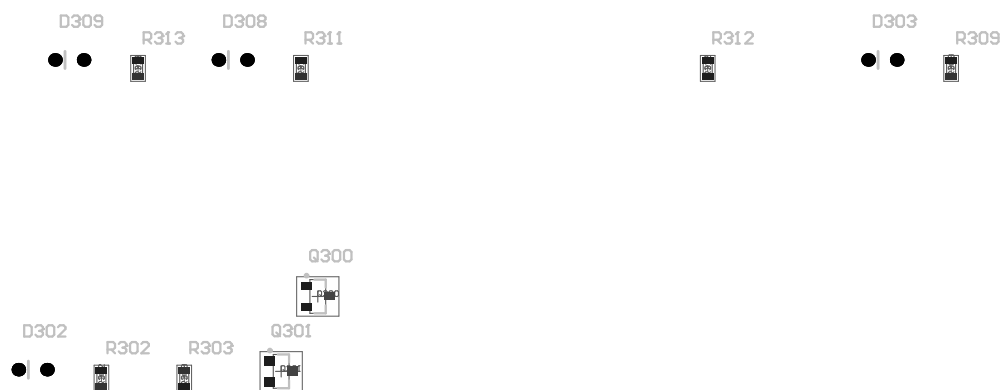
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Comment	Description	Designator	Footprint	LibRef	Quantity
22n	M.LCC, 0603, 22n, 10%, 6.3V, XFR	C200	M.LCC_0603_M	CMP-001-0577-1	1
100n	M.LCC, 0603, 100n, 10%, 35V, XFR, M.LCC, 0603, 100n, 10%, 50V, XFR	C201, C203, C208, C214, C200, C201, C403, C404	M.LCC_0603_M	CMP-001-0755-1, CMP-001-0815-1	8
ELU-FSH21L	Panasonic ELUPH21L Aluminum Electrolytic Capacitors (Radial Lead Type)	C102	8mm Cap	CMP-002-0010-1	1
470n	M.LCC, 0605, 470n, 10%, 6.3V, XFR	C204, C205, C209, C210, C211, C212, C213	M.LCC_0605_M	CMP-001-0836-2	7
2.2u	M.LCC, 0606, 2.2u, 10%, 6.3V, XFR	C206, C207	M.LCC_0606_M	CMP-001-0842-2	2
22u	M.LCC, 0605, 22u, 10%, 16V, XFR	C300, C301, C302, C303	M.LCC_0603_M	CMP-001-1264-1	4
4.7u	M.LCC, 1206, 4.7u, 10%, 35V, XFR	C304, C306	M.LCC_1206_M	CMP-001-1124-2	2
4.7u	M.LCC, 0605, 4.7u, 10%, 35V, XFR	C402	M.LCC_0605_M	CMP-001-1830-1	1
15p	M.LCC, 0402, 15p, 10%, 25V, COGNH9	C405, C408	M.LCC_0402_M	CMP-001-1853-1	2
1n	M.LCC, 0603, 1n, 10%, 60V, XFR	C407	M.LCC_0603_M	CMP-001-0547-1	1
MBR0204L_R1_0000 1	Rectifier Diode, Schottky, 1 Phase, 1 Element, 1A, 20V/ V(RRA), Silicon	D303, D400	FP- MBR0204L_R1_0000 1-MFG	CMP-ROOF-01310-1	2
V5S4F3M10H40H	Rectifier Diode, Schottky, 1 Phase, 1 Element, 2.5A, 100V/ V(RRA), Silicon, DO- 224AC	D301, D310	V5S4F3M10H40H_H- Footprint-1	CMP-ROOF-01308-1	2
Clear	LED, Ultra Color Cool White 2-Pin T-1 3/4 Ammo	D302, D303, D306, D309	C202D-WAN- COREB152-Footprint- 1	CMP-00017-1	4
Red	Generic red 0603 LED	D304, D305, D306, D307	0603 RED LED	CMP-ROOF-00025-2	4
USB005-GF-A	USB Connector 18' Contact(s), Female, Right Angle, Solder Terminal, Locking, Receptacle	J000	FP-USB005-GF-A- MFG	CMP-001-1800-1	1
7-215079-6	Conn FFC Connector F 4POS 2.7mm Solder ST Thru-Hole Automotive Reel/Cartron	J001, J011, J02	7-215079-6-Footprint- 1	CMP-ROOF-01311-2	3
7440405430	Inductor Power Semi- Shielded Wirewound 25uH 20%, 100MHz 1.2A @ 1850mDCR 0209 Automotive TDK	L300	MELOS_5040	CMP-007-0001-1	1
7440404320A	General Purpose Inductor 25uH 20%, 1 Element, Nickel-silver Ferrite-Core, SMD, 1616	L301	MELOS_4025	CMP-ROOF-01309-1	1
SDB-PH-K-S(LF)(SN)	Conn Shrouded Header (4 Side) HDR 2-POS 2mm Solder RA Thru-Hole Box	P000	0603-PH-K-S(LF)(SN)	CMP-ROOF-00728-2	1
M00-6900345	Connector Header Through Hole 3 position(s) 1.00T (2.54mm)	P000	3Pos Pin Header	CMP-ROOF-00217-1	1
PH1-04-LA	4-POS 2.54mm Vertical TH Header	P500	4Pos Pin Header Vertical	CMP-002-00004-1	1
955-27(LF)(SN)	Header for PCB pitch 1.6mm; 6-conductors; TH; male; top-entry; SMT/A	P502, P503	FP-955-27-SM- TF_LF_SN-MFG	CMP-ROOF-01270-2	2
85C027N00LSKATAM	Power MOSFET, N Channel, 60 V, 100A, 0.0027ohm, TO26N, Surface Mount	Q200, Q201, Q202, Q203, Q204, Q205, Q206, Q207	FP-PG TO26N-8-MFG	CMP-ROOF-01287-1	8
85884-7-F	Transistor, P-MOSFET Unipolar, 40V, 130mA, 100mW, 300mW-45-150 Reg C, SMD, 107ED	Q300	SO7-23-3	CMP-ROOF-01301-1	1
MMBT3904-TP	TRANS NPN 40V 0.2A SO723	Q301	SO7-23-3	CMP-ROOF-00274-1	1
7.5R	Resistor, 0603, 7.5R, 1%, 1/10W	R001, R002, R003, R004, R008, R009, R010, R011	Resistor_0603_M	CMP-001-0026-2	8
2.2R	Resistor, 0603, 2.2R, 1%, 1/10W	R011	Resistor_0603_M	CMP-001-0012-2	1
47R	Resistor, 0603, 47R, 1%, 1/10W	R015, R017, R212, R214	Resistor_0603_M	CMP-001-0046-3	4
PE0612FHM/VW0R0L	Current Sensor Low DIP Chip Resistor Wide Terminal Metal Alloy 0612 50mOhm 14 Inductance TIS	R006, R213	PE0612FHM/VW0R0L Footprint-1	CMP-001-1896-1	2
36R	Resistor, 0603, 36R, 1%, 1/10W	R002, R008, R011, R013	Resistor_0603_M	CMP-001-0043-3	4
10k	Resistor, 0603, 10k, 1%, 1/10W	R003, R401	Resistor_0603_M	CMP-001-0101-2	2
3k	Resistor, 0603, 3k, 1%, 1/10W	R004	Resistor_0603_M	CMP-001-0088-2	1
200R	Resistor, 0603, 200R, 1%, 1/10W	R005, R006, R007, R008	Resistor_0603_M	CMP-001-0060-2	4
1k	Resistor, 0603, 1k, 0.1%, 1/10W	R010	Resistor_0603_M	CMP-001-00237-1	1
5.1k	Resistor, 0603, 5.1k, 1%, 1/10W	R012, R402, R403	Resistor_0603_M	CMP-001-0094-2	3
100R	Resistor, 0603, 100R, 1%, 1/10W	R600	Resistor_0603_M	CMP-001-0054-5	1
22R	Resistor, 0603, 22R, 1%, 1/10W	R404, R405	Resistor_0603_M	CMP-001-0038-3	2
1.5k	Resistor, 0603, 1.5k, 1%, 1/10W	R606	Resistor_0603_M	CMP-001-0081-2	1
1M	Resistor, 1206, 1M, 1%, 1/4W	R607	Resistor_1206_M	CMP-001-00051-1	1
US1P201H10T4TR	Keypad Switch, SPST, 0.05A, 1.6W, Solder Terminal, Panel Mount	S000	US1P201H10T4TR Footprint-1	CMP-ROOF-01290-1	1
JS020111CQN	Slide Switch, 1 Position, Dpdt, Latch, 0.3A, 0.6W, Pcb-Hdr Cr., Solder Terminal, Through	SW000	FP-JS020111CQN- MFG	CMP-ROOF-01260-1	1
1AC2160A-TA-T	IC,CMV Div Resistor 8- REV-48TQFP	U000	IC1P8P000000000000- 0-32N	CMP-ROOF-00744-3	1
RAV218034G39AJ0	Switching Regulator, Current-mode, 0.3A, 170kHz Switching Freq Max, PDS66	U000	PS_064B_MFG	CMP-ROOF-00717-1	1
RAV218054G39AJ0	Switching Regulator, Current-mode, 0.3A, 220kHz Switching Freq Max, PDS66	U001	PS_064B_MFG	CMP-00019-3	1
STM32F103C8T6	MCU 32-bit STM32F1 ARM Cortex-M0 HSE: 64MHz Typ 2.2V/3.3V 48-Pin LQFP Tray	U400	STM32F103_M	CMP-00012-2	1
XY-M6-6V-RF	USMA6 receiver module, 6V/ tolerant	U600	2.54mm 4-POS-0015M- 6V-RF	CMP-00015-1	1
ABM11-16.000MHZ 12- NIGT	Crystal 16MHz 14pmm Typ 4.5Vppm (Stability) 12pF TUND 1500ohm 6-Pin Ultra Mini-CMG TIS	XA400	FP-ABM11-MFG	CMP-ROOF-01254-3	1