Comment	Description	Designator	Footprint	LibRef	Quantity
CAM-M8C-0	RF RCVR GNSS/GPS 1.575GHZ MODULE	B4	CAMM8C0	CAM-M8C-0	1
Button connector	Header, 2-Pin	BTN5	HDR1X2	Header 2	1
100nF		C3, C4, C5, C6, C8, C10, C13	Cap_0805	C	7
10uF		C9	Cap_0805	C	1
4.7uF	[NoValue], 4.7uF	C11, C18	Cap_0805	C	2
NC		C12	Cap_0805	C	1
10nF	Capacitor	C14	6-0805_L	Cap	1
47pF	Capacitor	C15, C16	6-0805_L	Cap	2
10nF	Capacitor	C17	Cap_0805	Cap	1
4.7uF, 35V	Multilayer Ceramic Capacitors 4.7µF ±10% 35V X7R SMD 0805	C19, C21	Cap_0805	CMP-08246-002735-1	2
10uF, 10V	CAP CER 10UF 10V X5R 0805	C20	Cap_0805	CMP-2007-03243-2	1
6.8uF, 10V	Cap Ceramic 6.8uF 10V X5R 20% Pad SMD 0805 +85°C Automotive T/R	C22	Cap_0805	CMP-08246-000118-1	1
ASMB-KTF0-0A306	LED RGB 4PLCC SMD	D3	FP-PLCC-4-MFG	CMP-18399-000003-1	1
Super Red, 1.9 V	SMT Mono-color Chip LED Waterclear WL-SMCW, size 0805, Super Red, 1.9 V, 140 deg, 60 mcd	D5, D6, D7	WL-SMCW_0805_150080xx75000	150080SS75000	3
5011	Test Point, Black, Through Hole, RoHS, Bulk	GND5, GND6, GND7	KSTN-5011_V	CMP-1672-00003-4	3
Header 2	Header, 2-Pin	GND8, P5	HDR1X2	Header 2	2
693071010811	WR-CRD Micro SD Card Connector Push & Push	J4	uSD-WE-693071010811	uSD-WE-693071010811	1
B3B-XH-A(LF)(SN)	CONN HEADER VERT 3POS 2.5MM	J5	FP-B3B-XH-A_LF_SN-MFG	CMP-17439-000014-3	1
BNO055-ADAFRUIT		K4	BNO055-ADAFRUIT_NO_HOLES	BNO055-ADAFRUIT	1
742792133	SMD EMI Suppression Ferrite Bead WE-CBF, Z = 600 Ohm	L4	SMD-1206	CMP-0220-00010-1	1
Header 6	Header, 6-Pin	P3	HDR1X6	Header 6	1
Header 4	Header, 4-Pin	P4, P6, P7	HDR1X4	Header 4	3
Header 5	Header, 5-Pin	P8, P9	HDR1X5	Header 5	2
BSS138LT1G	Power MOSFET, 200 mA, 50 V, N-Channel, 3-Pin SOT-23, Pb-Free, Tape and Reel	Q3, Q4, Q5, Q7, Q9, Q10, Q11	ONSC-SOT-23-3-318-08_V	CMP-1058-00767-1	7
NVR1P02T1G	Power MOSFET, -20 V, -1 A, P-Channel, 3-Pin SOT-23, Pb-Free, Tape and Reel	Q6, Q8	ONSC-SOT-23-3-318-08_V	CMP-1058-00745-1	2
50k	Res 0805	R1, R2, R3, R4	RES_0805	Res2	4
47k	Res 0805	R5	RES_0805	Res2	1
1k	Res 0805	R6	RES_0805	Res2	1
430R	Res 0805	R7, R8, R9, R10, R12, R14	RES_0805	Res2	6
10k	Res 0805	R11, R13, R15, R20, R22, R23, R24, R34, R37, R41, R43, R44	RES_0805	Res2, CMP-2001-04376-1	12
5k1	Res 0805	R16, R17	RES_0805	Res2	2
27R	Res 0805	R18, R19	RES_0805	Res2	2
15k	Res 0805	R21, R35	RES_0805	Res2, CMP-2001-04031-1	2
220R	Res 0805	R25, R26, R27	RES_0805	Res2	3
270R	Res 0805	R28, R29, R30, R38	RES_0805	CMP-2001-00528-1	4
39k	Res 0805	R31, R32, R33, R42	RES_0805	CMP-2001-00410-1	4
8k2	Res 0805	R36	RES_0805	CMP-1013-00510-2	1
100k	Res 0805	R39	RES_0805	CMP-2001-00479-1	1
6k2	Res 0805	R40	RES_0805	CMP-2001-00562-1	1
PTS526SK15SMTR2LFS	TACT 5.2 X 5.2, 1.5 MM H, 260GF,	SW3	FP-PTS526SK15SMTR2LFS-MFG	CMP-10040-000013-1	1
PIC32MX274F256D I/PT	IC MCU 32BIT 256KB FLASH 44TQFP	U3	FP-C04-076-IPC_A	CMP-06276-000357-1	1
FT230XS-U	USB to Basic UART Interface Chip, UHCI/OHCI/EHCI Compatible, USB 2.0 Compatible, -40 to +85 degC, 16-Pin SSOP, Pb-Free, Tube	U4	SSOP-16_N	CMP-0248-00025-2	1
MCP73871T-2CCI/ML	Charger IC Lithium Ion/Polymer 20-QFN _4x4_	U5	Microchip_C04-126_IPC_B	MCP73871T-2CCI/ML	1
MAX1793EUE33+		U6	TSOP65P640X110_HS-17N	MAX1793EUE33+	1
3.3V	Test Point, 1 Position SMD, RoHS, Tape and Reel	V5	KSTN-5019_V	CMP-1672-00008-1	1
VBOI	Test Point, 1 Position SMD, RoHS, Tape and Reel	V_btnON5	KSTN-5019_V	CMP-1672-00008-1	1
Vcharge	Test Point, 1 Position SMD, RoHS, Tape and Reel	V_regIN5	KSTN-5019_V	CMP-1672-00008-1	1
Vregu	Test Point, 1 Position SMD, RoHS, Tape and Reel	V_regOUT5	KSTN-5019_V	CMP-1672-00008-1	1
Vbat	Test Point, 1 Position SMD, RoHS, Tape and Reel	Vbat5	KSTN-5019_V	CMP-1672-00008-1	1
Jumper	Jumper Wire	W4, W5, W6, W7, W8, W9, W10	JUMPER	Jumper	7
USB4105-GF-A	USB4105-GF-A USB connector	X4	GCT_USB4105-GF-A	USB-C Type 2.0	1