







Comment	Description	Designator	Footprint	LibRef	Quantity
CY7C65213-28PVXIT	USB Interface IC 32KB USB-UART LP Bridge Controller	B1	SOP65P780X200-28N	CY7C65213-28PVXIT	1
Сар		C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20, C21, C22, C23, C24, C25, C26	CAPC0805	Сар	26
3V0	DIODE ZENER 3.0V 500MW SOD123	D1	DIO_BZT52C4V7S_R9	BZT52C3V0	1
TN805	SCR 600 V 8 A Standard Recovery Surface Mount DPAK	D2, D4	DPAK_TN	TN805-600B-TR	2
4V7	DIODE ZENER 4.7V 500MW SOD123	D3	DIO_BZT52C4V7S_R9	BZT52C4V7S_R9	1
Fuse Holder	Fuse Holder 30 A 500V 1 Circuit Blade Through Hole	F1, F2	FUSE_3568	3568	2
10144517-061802LF	CONN RCPT 60POS SMD GOLD	J1	AMPHENOL_1014451 7-061802LF	10144517-061802LF	1
USB4120-03	USB-C (USB TYPE-C) USB 2.0 Receptacle Connector 24 (16+8 Dummy) Position Surface Mount, Through Hole	J2, J7	GCT_USB4120-03- C_REVA	USB4120-03	2
1877285-2	moughnoic	J3, J4	TE_1877285-2	1877285-2	2
RJHSE-3381	Jack Modular Connector 8p8c (RJ45, Ethernet) Vertical Shielded	J5	AMPHENOL_RJHSE33 81	RJHSE-3381	1
FTSH-110	Connector Header Surface Mount 20 position 0.050" (1.27mm)	J6	SAMTEC_FTSH-110-01 L-DV-007	FTSH-110-01-L-DV- 007-K	1
LED	(,	LED1, LED2, LED3, LED4, LED5	LED0603	LED	5
AONR21321	P-Channel 30 V 24A (Tc) 4.1W (Ta), 24W (Tc) Surface Mount 8- DFN-EP (3x3)	Q1, Q2	TRANS_AONR21321	AONR21321	2
Res		R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13	RES0805	Res	13
Res		R14, R15, R16, R17	RES0603	Res	4
JS202011SCQN	Slide Switch DPDT Surface Mount	SW1	SW_JS202011SCQN	JS202011SCQN	1
PTS810 SJK 250	Tactile Switch SPST- NO Top Actuated Surface Mount	SW2, SW3	SW_PTS810_SJM_250 _SMTR_LFS	PTS810 SJK 250 SMTR LFS	2
TLV757P	Linear Voltage Regulator IC Positive Fixed 1 Output 1A 6- WSON (2x2)	U1	VREG_TLV75733PDRV R	TLV75733PDRVR	1
SC0914(13)	ARM® Cortex®-M0+ - Microcontroller IC 32- Bit Dual-Core 133MHz External Program Memory 56-QFN (7x7)	U2	QFN40P700X700X90- 57N	SC0914(13)	1
W25Q128JVSIQ	FLASH - NOR Memory IC 128Mbit SPI - Quad I/O, QPI, DTR 133 MHz 8-SOIC	U3	SOIC127P790X216-8N	W25Q128JVSIQ	1
TCAN1044AV	1/1 Transceiver Half CANbus TSOT-23-8	U4	SOT65P280X110-8N	TCAN1044AVDDFRQ1	1
12.000MHZ	12 MHz ±20ppm Crystal 18pF 50 Ohms HC-49/US	X1	ABLS-12.000MHZ	ABLS-12.000MHZ	1