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Comment	Description	Designator	Footprint	LibRef	Quantity
IS31FL3741		1	QFN40P700X700X80-61N	IS31FL3741	1
CH340G		2	SOIC16	CH340G	1
Footprint of the VIMEX MSK-12C02 SPDT SMD Switch Created by mzst on 17-Jan-2016		3	MSK-12C02	MSK-12C02_SMD_SPDT_SWIT CH	1
0.1uF		C1, C3, C9	C 0603 / 1608	Capacitor	3
1uF		C2, C4	C 0603 / 1608	Capacitor	2
22uF		C7	C 0603 / 1608	Capacitor	1
LED		C8, C12, C13, C14, C15, C16	LED 0603(2)	LED	6
Capacitor		C10	C 0603 / 1608	Capacitor	1
10uF		C11	C 0603 / 1608	Capacitor	1
B5819W	Schottky Barrier Rectifier, 1 A, 40 Vrm, -65 to 125 degC, 2-Pin SOD123, RoHS, Tape and Reel	D1	MCC-SOD123_V	CMP-2100-03587-1	1
105443-1101	Micro B Receptacle Connector, 30 V, 1 A, -30 to 85 degC, RoHS	J1	MOLX-105443-1101_V	CMP-2000-07437-1	1
OLED I2C 0.96' 128X64		L1	OLED I2C 0.91	OLED I2C 0.96' 128X64	1
53261-0271	PicoBlade(TM) Header, Right Angle, -40 to 85 degC, 2-Pin SMD, RoHS, Tape and Reel	P1	MOLX-53261-0271_V	CMP-2000-05633-1	1
Header 5	Header, 5-Pin	P2	HDR1X5	Header 5	1
Header 25	Header, 25-Pin	P3	HDR1X25	Header 25	1
Header 14	Header, 14-Pin	P4	HDR1X14	Header 14	1
Header 9	Header, 9-Pin	P5	HDR1X9	Header 9	1
MMBT2222LT1G	General Purpose Transistor, NPN, 0.6 A IC Continuous, 3-Pin SOT23, RoHS, Tape and Reel	Q1, Q2	ONSC-SOT-23-3-318-08_M	CMP-0722-00001-1	2
Res1	Resistor	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20	C 0603 / 1608	Res1	20
DTSM-6		S1, S2, S3, S4	DTSM-6	DTSM-6	4
DMP2045U	P-CHANNEL MOSFET WITH DIODE	T1	SOT95P237X112-3N	Si2333CDS-T1-GE3	1
ESP32-WROOM-32D	IC: SoC; GPIO, I2C, I2S, IR, SD, SDIO, SPI, UART; 2.7A-3.6VDC; 20dBm	U1	MODULE_ESP32-WROOM-32D	ESP32-WROOM-32D	1
NCP708		U2	UDFN6 CASE 517DD	NCP708	1
MCP73831T-2ADI/OT	Miniature Single-Cell, Fully Integrated Li-Ion, Li-Polymer Charge Management Controller, 4.2V, 5-Pin SOT-23, Industrial Temperature, Tape and Reel	U3	SOT-23-OT5_M	CMP-0133-00142-1	1