





Comment	Description	Designator	Footprint	LibRef	Quantity
BPW77NA		1, 2, 3, 4	BPW77NA	BPW77NA	4
Cap Semi	Capacitor (Semiconductor SIM Model)	c1, c2, c3, c4, Cp1, Cp2, Cp4, Cp5, Csw1, Csw2, Csw18, Csw19	1608[0603]	Cap Semi	12
	Capacitor (Semiconductor SIM Model)	CBAT1	C1206	Cap Semi	1
Cap Semi	Capacitor (Semiconductor SIM Model)	CBAT2, CPOWER1	C1206	Cap Semi	2
BAT760	Diode Schottky 20V 1A BAT760	D1	*SOD323(F)	BAT760	1
3484	NeoPixel Nano 2427 RGB LEDs w/ Integrated Driver Chip - 10 Pack	D1, D2, D3	*LED_3484	3484	3
VNH7100BASTR	H-Bridge Motor Driver Automotive 16-Pin SO N T/R	dri1, dri2	*SO16	VNH7100BASTR	2
IR_LED1		ir1	IR_LED	IR_LED	1
IR_LED2		ir2	IR_LED	IR_LED	1
IR_LED3		ir3	IR_LED	IR_LED	1
IR_LED4		ir4	IR_LED	IR_LED	1
105133-0011	Conn Micro USB Type B RCP 5 POS 0.65mm Solder ST SMD 5 Terminal 1 Port Embossed T/R	J1	*MOLEX_105133-0011_105133-0011(Primary)	105133-0011	1
LED_power		LEDpower	Polar-0805	LED	1
Header 3X2	Header, 3-Pin, Dual row	P1, P2	HDR2X3	Header 3X2	2
Header 4	Header, 4-Pin	Pgyro, Poled	HDR1X4	Header 4	2
Header 2	Header, 2-Pin	pinBat	HDR1X2	Header 2	1
Header 3	Header, 3-Pin	PSW	HDR1X3	Header 3	1
BC817		Q1, Q2	SOT-23	BC817	2
MMBT2222A	MMBT2222A	Q11, Q22	*SOT23	MMBT2222A	2
Res3	Resistor	R1, R2, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, Rb1, Rb2, Rdtr, Ren?, Rled, Rrst, Rrts	J1-0603	Res3	19
CRS2512-FX-10R0ELF	Res Thick Film 2512 10 Ohm 1% 2W Å±100ppm/C Pad SMD T/R	R_IR1, R_IR2	*RESC6432X75N	CRS2512-FX-10R0ELF	2
SW-PB-A-BLACK-SMD	PUSHBUTTON SWITCH 6MM SMD	SW1, SW2, SWen1, SWreset1	SW-PB-SMD	SW-PB-A-BLACK-SMD	4
ESP32-WROOM-32D	IC: SoC: GPIO, I2C, I2S, IR, SD, SDIO, SPI, UART; 2.7Å-3.6VDC; 20dBm	U1	*MODULE_ESP32-WROOM-32D	ESP32-WROOM-32D	1
CP2102N-A01-GQFN28	Usb-Uart Interface Bridge, Qfn-28	U2	*QFN50P500X500X8 0-29N	CP2102N-A01-GQFN28	1
PMIC-UA78M33CDCYR(SO T223)	3/4 Pin 500mA Fixed 3.3V Positive Voltage Regulator 4-SOT-223 0 to 125	Ureg	*SOT-223_PMIC-UA78M33CDCYR(SO T223)(Primary)	PMIC-UA78M33CDCYR(SO T223)	1