

Comment	Description	Designator	Footprint	LibRef	Quantity
1uF	capacitor	C1	Cap0805	Cap	1
Cap Semi	Capacitor (Semiconducto	C2	C1210	Cap Semi	1
0.1uF	capacitor	C3	Cap0805	Cap	1
Cap Semi	Capacitor (Semiconducto	C4, C5, C6, C7, C8, C9	1608[0603]	Cap Semi	1
TXB0104PWR	4-Bit Bidirectional Vol	D1	*TSSOP14	TXB0104PWR	1
PESD5V0U2BT,215	TVS DIODE 5V SOT23	DP1	*SOT95P230X110-3N	PESD5V0U2BT,215	1
BLM21PG221SN1D	220 Ohms @ 100MHz	FL1, FL2	*BEADC2012X105N	BLM21PG221SN1D	1
FT232RL	USB-to-UART 1-CH 25	IC1	*SSOP28-LD	FT232RL	1
1-1734346-1	Conn USB 2.0 Type B	J1	*TE_1-1734346-1_1-1	1-1734346-1	1
LED1	Typical RED GaAs LED	L1, L2	Diode1206	LED1	1
Led		L3, L4	Diode1206 - PIN LED	Led	1
matrix8X8		M1, M2	Matrix Led	matrix8X8	1
Pmod male	p mod male 6 position	P1, P2, P3	901220766	Pmod male	1
MOSFET-P	P-Channel MOSFET	Q1, Q2, Q3, Q4, Q5, Q6	BSS84PWH6327XTSA1	MOSFET-P	1
270R	Resistor	R1, R5	J1-0603	Res3	1
Res3	Resistor	R2, R3, R4	Resistor 0805	Res3	1
270R	Resistor	R6, R7, R8, R9, R10,	Resistor 0805	Res3	1
Res Thermal	Thermistor	RT1	6-0805_N	Res Thermal	1
BM64SPKS1MC1-0001	Bluetooth Bluetooth v	U1	*MODULE_BM64SPKS	BM64SPKS1MC1-0001	1
CD74HC154M	Decoder/Demultiplexe	U2	*SOIC127P1030X265-	CD74HC154M	1