Bill of Materials

Title: Bill of Materials for Project [Quectel M66.PrjPcb] (No PCB Document Selected)

Project: Quectel M66

Company: github.com/aKaReZa75

Variant: None

Revision: 1.0

Inflow	LibRef	Footprint	Value	Rating	Package	Type	Description	Comment	Quantity
inflow?	Cap_Multi_SMD	CAP 0603/1608	10p	Rating?	Package?	Type?	Bipolar ceramic capacitor SMD	10p	3
inflow?	Cap_Multi_SMD	CAP 0603/1608	33p	Rating?	Package?	Type?	Bipolar ceramic capacitor SMD	33p	3
inflow?	Cap_Multi_SMD_100nF_0805	CAP 0805/2012	100n	50V	0805	MultiLayer	Bipolar ceramic capacitor SMD	100n	2
inflow?	Cap_Multi_SMD_100nF_1206	CAP 1206/3216	100n	50V	1206	MultiLayer	Bipolar ceramic capacitor SMD	100n	2
inflow?	Cap_Multi_SMD_0805	CAP 0805/2012	33p	Rating?	0805	MultiLayer	Bipolar ceramic capacitor SMD	33p	4
inflow?	Cap_Multi_SMD_0805	CAP 0805/2012	68p	Rating?	0805	MultiLayer	Bipolar ceramic capacitor SMD	68p	1
inflow?	Cap_Multi_SMD_1206	CAP 1206/3216	10p	50V	1206	MultiLayer	Bipolar ceramic capacitor SMD	10p	1
inflow?	Cap_Multi_SMD_1206	CAP 1206/3216	33p	50V	1206	MultiLayer	Bipolar ceramic capacitor SMD	33p	1
inflow?	Cap_Tantalum	SMT_C_Tantalum_A	1u	6.3V	Package?,	Tantalum	Tantalum Capacitor,TAJ Series-SMD	1u	2
inflow?	Cap_Tantalum	SMT_C_Tantalum_A	4.7u	6.3V	Package?	Tantalum	Tantalum Capacitor,TAJ Series-SMD	4.7u	1
inflow?	Cap_Tantalum	SMT_C_Tantalum_A	10u	6.3V	Package?	Tantalum	Tantalum Capacitor,TAJ Series-SMD	10u	2
inflow?	Cap_Tantalum	SMT_C_Tantalum_B	10u	25v	Package?	Tantalum	Tantalum Capacitor,TAJ Series-SMD	10u	1
inflow?	Cap_Tantalum	SMT_C_Tantalum_C	100u	6.3V	SMD-C	Tantalum	Tantalum Capacitor,TAJ Series-SMD	100u	1
7152	Con_MPH_2x1_V_THT_2.54	HDR_THT_2M_2.54mm	2	Rating?	Package?	Type?	Header, single row, 2 pin	2	1
inflow?	Con_RF_U.FL	IPEX-3x3mm	U.FL	Rating?	SMD	RF	U.FL	U.FL	2
inflow?	Con_Socket_SimCard_1	GCT_SIM8051_Plastik	6'Pin	Rating?	SMD	Nano	Nano SimCard Holder 6P	6'Pin	1
inflow?	IC_Reg_TPS54302	TPS54302	TPS54302	S	SOT-23-6	Switching	3'A Synchronous Step-Down Converter	TPS54302	1
inflow?	Ind_SMD	L_7	10u	3.8A	Package?	Type?	Inductor	10u	1
inflow?	ModSen_Com_M66	m66	M66	Rating?	Dip	GSM-GPRS	Quectel GSM/GPRS Module	M66	1
inflow?	Other_Elec_Jumper_0805	RESC2012M (0805)	Jumper	Rating?	0805	Type?	Jumper Component	Jumper	1
2206	Other_Elec_Microphone	mic6	Mic	Rating?	Package?	Type?	Microphone	Mic	1
inflow?	Res_Multi	Multi turn 01	10K	Rating?	Package?	Type?	Multi Turn	10K	1
inflow?	Res_SMD_0805	RES 0805 (2012X06L)	1K	0.125W	0805	10%	Resistor	1K	2
inflow?	Res_SMD_0805	RES 0805 (2012X06L)	1.8K	0.125W	0805	10%	Resistor	1.8K	1
inflow?	Res_SMD_0805	RES 0805 (2012X06L)	4.7K	0.125W	0805	10%	Resistor	4.7K	3
inflow?	Res_SMD_0805	RES 0805 (2012X06L)	5.6K	0.125W	0805	10%	Resistor	5.6K	1
inflow?	Res_SMD_0805	RES 0805 (2012X06L)	15k	0.125W	0805	10%	Resistor	15k	1
inflow?	Res_SMD_0805	RES 0805 (2012X06L)	17.8K	0.125W	0805	1%	Resistor	17.8K	1
inflow?	Res_SMD_0805	RES 0805 (2012X06L)	47K	0.125W	0805	10%	Resistor	47K	3
inflow?	Res_SMD_0805	RES 0805 (2012X06L)	49.9b	0.125W	0805	1%	Resistor	49.9b	1
inflow?	Res_SMD_0805	RES 0805 (2012X06L)	100b	0.125W	0805	10%	Resistor	100b	3
inflow?	Res_SMD_0805	RES 0805 (2012X06L)	100K	0.125W	0805	1%	Resistor	100K	1
inflow?	Semi_BJT_BC817	SOT23_N	NPN	Rating?	Package?	Type?	NPN General purpose Transistor	NPN	3
inflow?	Semi_Diod_TVS_SM712	SOT23_M	SM712	Rating?	Package?	Type?	TVS, ESD PROTECT, 2CH, 400W/17A	SM712	1
inflow?	Semi_LED_SMD	LED 0805/2012 BLUE	Blue	Rating?	Package?	LED	LED	Blue	3
inflow?	Semi_LED_SMD	LED 0805/2012 YELLOW	Yellow	Rating?	Package?	LED	LED	Yellow	1
5145	SW_Other_Jumper	Jumper Small - 2.54 - GRAY	2'Pin	Rating?	Package?	Type?	Jumper	2'Pin	2
8260	SW_PushButton_2_SMD	SW_PB_SMD_2PIN_SPST_6X	PB	2b	SMD	Vertical	SMT Tactile Switch	PB	1
									62

Approved

aKaReZa

6/17/2025 7:59 PM

Hossein Bagheri

Notes