

USB RF Gateway v.0.1 BOM

Qty	Value	Device	Package	Parts	Description		
1	Blue	LED0603	LED-0603	D2	LED (Generic)		
1	100nF	C-EUC0603	C0603	C7	CAPACITOR, European symbol		
1	10K	R-EU_R0603	R0603	R1	RESISTOR, European symbol		
3	10uF	C-EUC0805	C0805	C3, C4, C6	CAPACITOR, European symbol		
1	1uF	C-EUC0603	C0603	C5	CAPACITOR, European symbol		
2	20pF	C-EUC0603	C0603	C1, C2	CAPACITOR, European symbol		
1	330 Ohm	R-EU_R0603	R0603	R2	RESISTOR, European symbol		
1	868MHz	RFM69HCW-868	RFM69HCW-XXXS2	U1	Hope RF RFM69H ISM Transceiver Module		
1	ECS-160-12-37B-CTN-TR	ECS-160-12-37B-CTN-TR	ECS-160-12-37B-CTN	U\$1			
1	LDS3985M33R	LDS3985M33R	SOT95P280X145-5N	IC1	STMicroelectronics LDS3985M33R, Single Low Dropout Voltage Regulator, 300mA 3.3 V, 5-Pin SOT-23		
1	MOMENTARY-SWITCH-SPST-SMD-6.0X3.5MM	MOMENTARY-SWITCH-SPST-SMD-6.0X3.5MM	TACTILE_SWITCH_SMD_6.0X3.5MM	S1	Momentary Switch (Pushbutton) - SPST		
1	NRF24L01+NRF24L01+MINI	NRF24L01+NRF24L01+MINI	NRF24L01+MINI	U\$2	nRF24L01+ Transceiver Module		
1	STMf042G6U6	STMf042G6U6	STM32F042_UFQPN28_4X4MM	U\$3			
1	USBLC6-2SC6Y	USBLC6-2SC6Y	SOT95P280X145-6N	D1	Low Cap. ESD Protection Auto SOT-23-6 STMicroelectronics USBLC6-2SC6Y, Dual Uni-Directional TVS Diode Array, 6-Pin SOT-23		
1	USB_A_PTH_MALE	USB_A_PTH_MALE	USB-A-H	J3	USB-A Connector		