

Model: X020 (2.4GHz RF MODULE)

N0.	Symbol	Parts Name	Type Name / Spec.	Vender	Remark	Q'ty
	<PCB ASSY>					
	PCB	PCB X020	Double Side, FR4, t=0.8mm			1
	U1	IC	nRF24LE1-F16Q32	NORDIC	Firmware: For testing	1
	X1	X'TAL	SPEC EX167001		16.000MHz	1
	CN1	RF CONNECTOR	U.FL-R-SMT(01)	HIROSE		1
	L1	CHIP INDUCTOR	LQW18AN6N8D00D 6.8n 1608	MURATA		1
	L2	CHIP INDUCTOR	LQW18AN6N8D00D 6.8n 1608	MURATA		1
	L3	CHIP INDUCTOR	LQW18AN4N7D00D 4.7n 1608	MURATA		1
	C1	CHIP CERAMIC CAP	18p (CH) 1608			1
	C2	CHIP CERAMIC CAP	18p (CH) 1608			1
	C3	CHIP CERAMIC CAP	0.1u (F) 1608			1
	C4	CHIP CERAMIC CAP	0.1u (F) 1608			1
	C5	CHIP CERAMIC CAP	0.033u (B) 1608			1
	C6	CHIP CERAMIC CAP	0.033u (B) 1608			1
	C7	CHIP CERAMIC CAP	0.1u (F) 1608			1
	C8	CHIP CERAMIC CAP	5p (CH) 1608			1
	C9	CHIP CERAMIC CAP	0.0022u (CH) 1608			1
	C10	CHIP CERAMIC CAP	1.5p (CK) 1608			1
	C11	CHIP CERAMIC CAP	1p (CK) 1608			1
	R1	CHIP RESISTOR	100K (J) 1608			1
	R2	CHIP RESISTOR	22K (F) 1608			1
	R3	CHIP RESISTOR	100K (J) 1608			1
	JP1	CHIP RESISTOR	0 ohm 1608			0
	JP2	CHIP RESISTOR	0 ohm 1608			0
	JP3	CHIP RESISTOR	0 ohm 1608			1
	<ANT>					
	ANT1	2.4GHz, $\lambda/4$ Sleeve antenna	EXC04-050060, 50mm Cable,IPEX	SmartAnt		1
	<Mechanical>					
		Metal Cover				1
		Label				1