

TinkerAccess RFID Adapter v1.0 BOM

RefDes	Qty	Description	Package / Footprint	Manufacturer	Manufacturer Part #	Vendor	Vendor Part #	JLPCB Part #
C1	1	Capacitor, MLCC, 1uF, 10V, 10%, X7R, 0603	0603	Samsung Electro-Mechanics	CL10B105KP8NNNC	DigiKey	1276-1946-2-ND	C15849
C2	1	Capacitor, MLCC, 0.1uF, 50V, 5%, X7R, 0603	0603	Yageo	CC0603JRX7R9BB104	DigiKey	311-1779-2-ND	C14663
J1	1	Connector, Terminal Block, 2 Pos, 5mm	Through Hole	Würth	691137710002	DigiKey	732-10955-ND	
U1	1	Connector, Male Header, 5 Pos, Single Row, Gold, 2mm Spacing, 0.142" Head, 0.110" Tail	Through Hole	Sullins Connector	NRPN051PAEN-RC	DigiKey	S5800-05-ND	
U1	1	Connector, Male Header, 7 Pos, Single Row, Gold, 2mm Spacing, 0.142" Head, 0.110" Tail	Through Hole	Sullins Connector	NRPN071PAEN-RC	DigiKey	S5800-07-ND	
U2	1	IC, Single RS-232 Receiver, SOT23-5	SOT23-5	Maxim	MAX3181EUK+T	DigiKey	MAX3181EUK+CT-ND	C2671244