

Product:		PiPico Foxoring							
Designators	Qty	Description	Package	Manufacturer	Manufacturer PN	Supplier	Supplier PN	Supplier 2	Supplier 2 PN
	R12	1 Resistor, 0 ohm, 0805	0805			Digikey	P0.0ACT-ND		
	R3	1 Resistor, 47 ohm, 0805, 1%, 0.125W	0805						
	R9	1 Resistor, 100 ohm, 0805, 1%, 0.125W	0805						
	R10	1 Resistor, 180 ohm, 0805, 1%, 0.125W	0805						
	R8	1 Resistor, 1.2 kohm, 0805, 1%, 0.125W	0805						
	R1, R2	2 Resistor, 47 kohm, 0805, 1%, 0.125W	0805						
	R11	1 Resistor, 0 ohm, 1206	1206	Stackpole Electronics Inc	RMCF1206ZT0R00	Digikey	RMCF1206ZT0R00CT-ND	Mouser	708-RMCF1206ZT0R00
		0 Resistor, 100 ohm, 1206, 1%, 0.25W	1206						
C1, C3, C4, C7, C8	5	Capacitor, 680 pF, 5%, 0805, C0G, 50V	0805	Yageo	CC0805JRNPO9BN681	Digikey	311-1121-1-ND	Mouser	603-CC805JRNPO9BN681
	C6	1 Capacitor, 820 pF, 5%, 0805, C0G, 50V	0805	Yageo	CC0805JRNPO9BN821	Digikey	311-3382-1-ND	Mouser	603-CC805JRNPO9BN821
	C5	1 Capacitor, 1 nF, 5%, 0805, C0G, 50V	0805	Samsung	CL21C102JCFNNNE	Digikey	1276-2981-1-ND	Mouser	187-CL21C102JCFNNNE
	C2	1 Capacitor, 22 pF, 5%, 0805, C0G, 50V	0805	Kemet	C0805C220J5GACTU	Digikey	399-C0805C220J5GACTUCT-ND	Mouser	80-C0805C220J5G
L2, L3, L4	3	Inductor, shielded ferrite 3.3 µH, ±5%, 50 mA, 600mOhm Max, SRF=60MHz	0805	TDK Corporation	MLF2012A3R3JT000	Digikey	445-181335-1-ND		
	L1	1 SMT unshielded inductor, 68µH, 5%, 9ohms, 50mA, 12MHz SRF	SMD3.2x2.5	TDK	NLV32T-680J-EF	Digikey	445-16606-1-ND	Mouser	810-NLV32T-680J-EF
	TR1	1 CX2041, 1:1CT transformer, 75 ohms, 50 kHz-200 MHz	SMD	Pulse	CX2041ANLT	Digikey	553-2767-1-ND	Mouser	673-CX2041ANLT
		0 BSS138K, NMOS, 50V, 0.2A, 2 ohms, Vth=0.6-1.2V	SOT23	Fairchild	BSS138K	Digikey	BSS138KCT-ND		
	Q1	1 DMG2305, PMOS, 0.9V Vth, 20V, 4.2A, 52 mohm	SOT23	Diodes Inc	DMG2305UX-13	Digikey	DMG2305UX-13DICT-ND	Mouser	621-DMG2305UXQ-7
	U2	1 Raspberry Pi Pico 2, SMD version	SMDDIP40	Raspberry Pi	SC1631	Mouser	358-SC1631	Digikey	2648-SC1631CT-ND
	U1	1 8x2 alphanumeric transreflective LCD	PTH	Raystar Optronics	RC0802A-TIY-ESV	TME	RC0802A-TIY-ESV		
		0 JST PH 2-pin header, right angle	SMD	JST sales	S2B-PH-SM4-TB	Digikey	455-S2B-PH-SM4-TBCT-ND	Electrokit	41015809
	U1A	1 Pin header, 2x7, 2.54 mm spacing	PTH	Adam Tech	PH2-14-UA	Digikey	2057-PH2-14-UA-ND	Mouser	737-PH2-14-UA
	U1B	1 Socket header, 2x7, 2.54 mm spacing	PTH	Würth	61301421821	Digikey	732-61301421821-ND	Mouser	710-61301421821
	B1	1 3xAA battery holder with leads	Cable			Electrokit	41002521	Digikey	36-2465-ND
	MS5	4 M3 full nut, steel, BZP	Nut	DURATOOL	M3- HFST-Z100	Farnell	1419447	Westfield	WF15111
	MS6	4 M3x6 screw, pozi pan, steel, BZP, M3X6	Screw	DURATOOL	M36 PRSTMCZ100-	Farnell	1419986/100pcs		
	MS2	4 M2.5x16, screw, pozi pan, steel	Screw			Westfield Fasteners	WF22179 (box of 1000)		
MS1, MS3	6	M2.5 nut, HFA2-S100- full nut, stainless steel, A2	Nut	DURATOOL	M2.5- HFA2-S100-	Farnell	1420787	Westfield	WF1254
	MS4	2 M2.5x6, countersunk, torx T8, Steel A2	Screw	Westfield Fasteners		Westfield Fasteners	WF26597		
	MS7	1 M4x35 Phillips, PH pan, A2 stainless	Screw			Westfield Fasteners	WF2058		
	MS8	1 M5x30 hex head screw, A2 stainless	Screw			Westfield Fasteners	WF1701		
	MS9	1 M4 hex nut, A2 stainless	Nut			Westfield Fasteners	WF1256		
	MS10	1 M5 hex nut, A2 stainless	Nut			Westfield Fasteners	WF1257		
	SW4	1 SPDT slide switch	SMD	Nidec	CL-SB-12B-01T	Digikey	563-1318-1-ND		
	SW3	1 Tactile switch, 6x6 mm	SMD	C&K	PTS645SL43SMTR92 LFS	Digikey	CKN10880CT-ND	Mouser	611-PTS645SL43SMTR92
SW30, SW74	2	DIP-switch, 4PST	SMD	Same Sky	DS04-254-2-04BK-SMT	Digikey	2223-DS04-254-2-04BK-SMT-ND		