

# RP2040-PICO30U\_Rev\_A-BOM 06/27/2023

Quantity	Designation	Package	Designator
1	1.3R/1%/R0402	R0402	R14
2	27R/R0402	R0402	R4,R5
2	100R/R0402	R0402	R3,R8
1	200R/1%/R0402	R0402	R11
<b>3</b>	<b>2.2k/R0402</b>	<b>R0402</b>	<b>R10,R15,R16</b>
2	5.1k/R0402	R0402	R6,R7
1	10k/R0402	R0402	R1
1	49.9k/1%/R0402	R0402	R13
1	220k/R0402	R0402	R12
1	1M/R0402	R0402	R9
1	2.2uH/1.5A/DCR=58mR/20% /3.00x3.00x1.50mm/ CD32(NRS3015T2R2MNGH)	CD32	L1
2	27pF/50V/5%/C0G/C0402	C0402	C15,C16
12	100nF/10V/10%/X7R/C0402	C0402	C1,C2,C3,C4,C5, C6,C7,C8,C9, C10,C13,C14
2	1uF/10V/20%/X5R/C0603	C0603	C11,C12
3	22uF/6.3V/20%/X5R/C0603	C0603	C17,C18,C19
1	1N5822/SS34/SMA	SMA	D1
<b>1</b>	<b>LED/GREEN/0603</b>	<b>LED_0603</b>	<b>LED1</b>
1	ZD25Q16BTIGT(SOIC-8_208mils)	SO-8_208mil	U1
1	RP2040(QFN-56_7x7mm_P0.4mm)	QFN56	U2
1	SY8089AAAC(SOT23-5)	SOT-23-5	U3
1	Q12MHz/20pF/10ppm/4P/3.2x2.5mm	TSX-3.2x2.5mm	Q1
2	YTS-A016-X	YTS-A016-X	BOOT1,RST1
1	USB-C-16P-F (A40-00119-A52-12)	USB2.0_TYPE-C (A40-00119-A52-12)	USB-C1
<b>1</b>	<b>SH1.0-10P-180D</b>	<b>BM10B-SRSS-TB</b>	<b>pUEXT1</b>
<b>1</b>	<b>Soldered</b>	<b>SJ_1_SMALLER</b>	<b>LED_E1</b>
1	NA(10k/R0402)	R0402	R2
2	NA(HN1x3)	HN1x3	EXT3,EXT4
4	NA(HN1x20)	HN1x20	EXT1,EXT2, EXT5,EXT6