

AWG_RP2040_BOM

Generator/usr/share/kicad/plugins/bom_csv_grouped_by_value.py
 Count: 33

Individual ComponentRP2040_AWG_8-bit

Item	Qty	Reference(s)	Value	LibPart	Footprint
		C1	100nF	Device:C	Capacitor_THT:C_Axial_L3.8mm_D2.6mm_P12.50mm_Horizontal
		C2	100nF	Device:C	Capacitor_THT:C_Axial_L3.8mm_D2.6mm_P12.50mm_Horizontal
		C3	100nF	Device:C	Capacitor_THT:C_Disc_D3.0mm_W2.0mm_P2.50mm
		C4	1uF	Device:CP	Capacitor_THT:CP_Radial_D5.0mm_P2.50mm
		C5	100nF	Device:C	Capacitor_THT:C_Disc_D4.3mm_W1.9mm_P5.00mm
		J1	Display connector	Connector:Conn_01x09_Male	Connector_PinHeader_2.54mm:PinHeader_1x09_P2.54mm_Vertical
		J2	3V3 supply	Connector:Conn_01x01_Male	Connector_PinSocket_2.54mm:PinSocket_1x01_P2.54mm_Vertical
		J3	User Interface connector	Connector:Conn_01x06_Male	Connector_PinSocket_2.54mm:PinSocket_1x06_P2.54mm_Vertical
		J4	Conn_01x02_Male	Connector:Conn_01x02_Male	Connector_PinSocket_2.54mm:PinSocket_1x02_P2.54mm_Vertical
		J5	Power supply	Connector:Conn_01x02_Male	Connector_PinSocket_2.54mm:PinSocket_1x02_P2.54mm_Vertical
		R1	2k .1%	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P5.08mm_Vertical
		R2	2k .1%	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P5.08mm_Vertical
		R3	2k .1%	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P5.08mm_Vertical
		R4	2k .1%	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P5.08mm_Vertical
		R5	2k .1%	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P5.08mm_Vertical
		R6	2k .1%	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P5.08mm_Vertical
		R7	2k .1%	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P5.08mm_Vertical
		R8	all 2k .1%	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P5.08mm_Vertical
		R9	1k .1%	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P5.08mm_Vertical
		R10	1k .1%	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P5.08mm_Vertical
		R11	1k .1%	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P5.08mm_Vertical
		R12	1k .1%	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P5.08mm_Vertical
		R13	1k .1%	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P5.08mm_Vertical
		R14	1k .1%	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P5.08mm_Vertical
		R15	1k .1%	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P5.08mm_Vertical
		R16	2k .1%	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P5.08mm_Vertical
		R17	1k	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal
		R18	1k	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal
		R19	1k	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal
		R20	1k	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal
		R21	1k	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal
		SW1	RESET	Switch:SW_Push	Button_Switch_THT:SW_CW_GPTS203211B
		U1	PICO_RP2040	AWG_RP2040-rescue:PICO_RP2040-RP2040-Pico	MCU_RaspberryPi_and_Boards:RPi_Pico_SMD_TH

Collated Components:

Item	Qty	Reference(s)	Value	LibPart	Footprint
1	2	C1, C2	100nF	Device:C	Capacitor_THT:C_Axial_L3.8mm_D2.6mm_P12.50mm_Horizontal
2	1	C3	100nF	Device:C	Capacitor_THT:C_Disc_D3.0mm_W2.0mm_P2.50mm
3	1	C4	1uF	Device:CP	Capacitor_THT:CP_Radial_D5.0mm_P2.50mm
4	1	C5	100nF	Device:C	Capacitor_THT:C_Disc_D4.3mm_W1.9mm_P5.00mm
5	1	J1	Display connector	Connector:Conn_01x09_Male	Connector_PinHeader_2.54mm:PinHeader_1x09_P2.54mm_Vertical
6	1	J2	3V3 supply	Connector:Conn_01x01_Male	Connector_PinSocket_2.54mm:PinSocket_1x01_P2.54mm_Vertical
7	1	J3	User Interface connector	Connector:Conn_01x06_Male	Connector_PinSocket_2.54mm:PinSocket_1x06_P2.54mm_Vertical
8	1	J4	Conn_01x02_Male	Connector:Conn_01x02_Male	Connector_PinSocket_2.54mm:PinSocket_1x02_P2.54mm_Vertical
9	1	J5	Power supply	Connector:Conn_01x02_Male	Connector_PinSocket_2.54mm:PinSocket_1x02_P2.54mm_Vertical
10	8	R1, R2, R3, R4,	2k .1%	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P5.08mm_Vertical
11	1	R8	all 2k .1%	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P5.08mm_Vertical
12	7	R9, R10, R11, R12	1k .1%	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P5.08mm_Vertical
13	5	R17, R18, R19, R20	1k	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal
14	1	SW1	RESET	Switch:SW_Push	Button_Switch_THT:SW_CW_GPTS203211B
15	1	U1	PICO_RP2040	AWG_RP2040-rescue:PICO_RP2040-RP2040-Pico	MCU_RaspberryPi_and_Boards:RPi_Pico_SMD_TH