

Bill Of Materials

Line #	Designator	Name	Quantity
	5V INPUT	USB_MICRO	1
	AGND, GND, UART_TX	TP-ThruHole	3
	C1, C2, C4, C8, C10, C12, C14, C23, C24, C27, C28	1uF 0603 25V 10%	11
	C3, C16, C18, C19, C20, C21	C-100n-0603C-50	6
	C5, C6	10pF 0603 25V X7R	2
	C7, C11	2u2F 0603 X5R 16V	2
	C9, C15	10nF 0603 25V X7R	2
	C13, C17, C22	10uF 0805 X7R 16V	3
	C25, C26, C29, C30	0.47uF 16V 0805 10%	4
	ENCODER	J-BCS105-F-05	1
	ESS9023	ESS9023	1
	HEADPHONES, LINE OUT	SJ1-3523N	2
	L1	L-Ferrite-1206-7427922	1
	L2, L3, L4	47uH	3
	MENU, OK, RESET	TL3305	3
	OLED	J-BCS104-F-04	1
	OPTICAL 1, OPTICAL 2, OPTICAL 3	TORX179	3
	PI VBUS TIE	PI VBUS JUMPER	1
	PS1	AZ1117E-3.3	1
	PS2	LP2985AIM5-3.6	1
	PWR, USB	LTST-C190KGKT	2
	Q1	2N7002L	1
	R1, R2, R3, R6	10K 0603	4
	R4, R5, R9	100K 0603 1%	3
	R7, R8	330R	2
	R10, R11, R12, R13	4K7	4
	RPI-PICO	U-PI-PICO	1
	SPDIF 4-7	Header 8	1
	TPA6130	TPA6130A2RTJT	1
	WM8805	U-WM8805GEDS	1
	Y1	ABM10-166-12.000MHZ-T3	1

