

ESPuino32_complete_PCM5102A

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ID	Bezeichner	Gehäuse	Anzahl	Bezeichnung	Anbieter *1
1	C5	CP_Radial_D5.0mm_P2.50mm	1	22μ	
2	C28,C17,C16,C14,C12,C23,C25,C24,C2,C19	C_0603_1608Metric_Pad1.05x0.95mm_HandSolder	10	100n	
3	C20	CP_Radial_D6.3mm_P2.50mm	1	47μ	
4	R22,R12,R18,R6,R7,R5,R3,R1	R_0805_2012Metric_Pad1.15x1.40mm_HandSolder	8	10k	
5	U6	D32_PRO_SD_MMC	1	ESP32-Wrover Breakout	Aliexpress
6	D3	D_SOD-323F	1	1N4148	
7	J11	JST_SHL_SM06B-SHLS-TF_1x06-1MP_P1.00mm_Horizontal	1	Headphone_JSI_1.0	Aliexpress
8	U1	TSSOP-20_4.4x6.5mm_P0.65mm	1	PCM5102A	Aliexpress
9	J9	JST_XH_B06B-XH-A_1x06_P2.50mm_Vertical	1	Headphone_2.54	Aliexpress
10	J8	JST_XH_B08B-XH-A_1x08_P2.50mm_Vertical	1	RFID	Aliexpress
11	J7	JST_XH_B05B-XH-A_1x05_P2.50mm_Vertical	1	Rotary	Aliexpress
12	J6	JST_XH_B04B-XH-A_1x04_P2.50mm_Vertical	1	Keys	Aliexpress
13	J5	JST_XH_B03B-XH-A_1x03_P2.50mm_Vertical	1	Neopixel	Aliexpress
14	J1	JST_XH_B02B-XH-A_1x02_P2.50mm_Vertical	1	SPK	Aliexpress
15	J4	JST_XH_B03B-XH-A_1x03_P2.50mm_Vertical	1	Lade_LED	Aliexpress
16	J2	JST_XH_B03B-XH-A_1x03_P2.50mm_Vertical	1	IR	Aliexpress
17	R15,R14,R13,R11,R10	R_0805_2012Metric_Pad1.15x1.40mm_HandSolder	5	470R	
18	C15,C13	C_0603_1608Metric_Pad1.05x0.95mm_HandSolder	2	2,2μ	
19	C11,C10	C_0603_1608Metric_Pad1.05x0.95mm_HandSolder	2	2,2n	
20	C22,C21	C_0603_1608Metric_Pad1.05x0.95mm_HandSolder	2	39p	
21	U4	SO-8_5.3x6.2mm_P1.27mm	1	TDA1308 / PT2308	Aliexpress
22	H4,H3,H2,H1	MountingHole_3.2mm_M3_ISO7380	4	MountingHole	
23	IC1	SSOP-8_5.25x5.24mm_P1.27mm	1	NS4150	Aliexpress
24	U5,U3	Mentor_Lichtleiter_3mm	2	Mentor_LWL_1216.1001	Reichelt
25	R16,R17,R4	R_0805_2012Metric_Pad1.15x1.40mm_HandSolder	3	100k	
26	R21,R20,R19	R_0805_2012Metric_Pad1.15x1.40mm_HandSolder	3	30k	
27	FB2,FB1	R_0603_1608Metric_Pad1.05x0.95mm_HandSolder	2	Ferrite	Aliexpress
28	C26,C6	C_0603_1608Metric_Pad1.05x0.95mm_HandSolder	2	1n	
29	C27,C3,C4	C_0603_1608Metric_Pad1.05x0.95mm_HandSolder	3	1μ	
30	D2	LED_SK6812MINI_PLCC4_3.5x3.5mm_P1.75mm	1	LED_RAGB	
31	U2	SOT-23-8_Handsoldering	1	LTC2954-1	Aliexpress

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32	R8,R9	R_0805_2012Metric_Pad1.15x1.40mm_HandSolder	2	3.9k	
33	R2	R_0805_2012Metric_Pad1.15x1.40mm_HandSolder	1	1k	
34	J10	USB_B_OST_USB-B1HSxx_Horizontal	1	USB_B	
35	J3	PinHeader_1x02_P2.54mm_Vertical	1	IN/5V	
36	C1,C8,C9	CP_Radial_D6.3mm_P2.50mm	3	100µ	
37	C7	C_0603_1608Metric_Pad1.05x0.95mm_HandSolder	1	C_PDT_47n	
38	C18	C_0603_1608Metric_Pad1.05x0.95mm_HandSolder	1	C_ONT_22n	
39	Q1	SOT-23	1	IRLML2502	Aliexpress
40	D1	LED_WS2812B_PLCC4_5.0x5.0mm_P3.2mm	1	WS2812B	Aliexpress
41	C32,C31,C30,C29	C_0805_2012Metric_Pad1.15x1.40mm_HandSolder	4	10µ	
	ESP32-Wrover Breakout Board				
ID	Bezeichner	Gehäuse	Stückzahl	Bezeichnung	Anbieter
1	Q1	SOT65P230X110-6N	1	UMH3N	Aliexpress
2	J5	microSD_HC_Wuerth_693072010801	1	Micro_SD_Card	Aliexpress
3	IC4	ESP32Wrover	1	ESP32-WROVER	Aliexpress
4	J9	PinHeader_1x02_P2.54mm_Vertical	1	Conn_01x02	Aliexpress
5	J8	PinHeader_1x01_P2.54mm_Vertical	1	MP_GND	
6	J7	PinHeader_1x01_P2.54mm_Vertical	1	MP_VBat	
7	IC1	BQ24092DGQT_Thermal	1	BQ24092DGQT	Aliexpress
8	T1	PTS820J15KPSMTRLFS	1	RESET	Aliexpress
9	R9,R8,R4,R3	R_0805_2012Metric_Pad1.15x1.40mm_HandSolder	4	10k	
10	R7,R6	R_0805_2012Metric_Pad1.15x1.40mm_HandSolder	2	300k	
11	R5	R_0805_2012Metric_Pad1.15x1.40mm_HandSolder	1	100k	
12	R2	R_0805_2012Metric_Pad1.15x1.40mm_HandSolder	1	1k	
13	R1	R_0805_2012Metric_Pad1.15x1.40mm_HandSolder	1	540R	
14	J4	JST_XH_B02B-XH-A_1x02_P2.50mm_Vertical	1	Bat	Aliexpress
15	J3	PinHeader_1x06_P2.54mm_Vertical	1	1x6P	
16	J2,J1	PinHeader_1x16_P2.54mm_Vertical	2	1x16P	Aliexpress
17	IC3	SOT-23-5_HandSoldering	1	ME6211C	Aliexpress
18	C7,C2	C_0603_1608Metric_Pad1.05x0.95mm_HandSolder	2	100n	
19	C6,C3,C1	C_0603_1608Metric_Pad1.05x0.95mm_HandSolder	3	10µ	
20	C5,C4	C_0603_1608Metric_Pad1.05x0.95mm_HandSolder	2	1µ	

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	HeadPhone_Plug_PJ306B				
ID	Bezeichner	Gehäuse	Stückzahl	Bezeichnung	Anbieter
1	J1	PJ3062BM	1	PJ-306BM	Aliexpress
2	JP1	SolderJumper-3_P1.3mm_Open_Pad1.0x1.5mm	1	HP_detect	
3	J3	JST_SH_SM06B-SRSS-TB_1x06-1MP_P1.00mm_Horizontal	1	Conn_01x06	Aliexpress
4	J2	PinHeader_1x06_P2.54mm_Vertical	1	Conn_01x06	
5	H2,H1	MountingHole_3.2mm_M3_ISO7380	2	MountingHole	
		!!bitte beachten !!			
		*1 die Links sind z.T. schon älter und stammen aus der Zeit als ich bestellt habe und sind evtl. nicht mehr aktuell			
		!!vor Bestellung unbedingt die Richtigkeit der Artikel prüfen!!			
		Widerstände und Kondensatoren , vor allem Elkos , waren teilweise vorhanden und stammen von Reichelt oder Conrad			
		Widerstandssortiment z.Bsp. 2000 Stück 0805			Aliexpress
		Kondensatorsortiment z.Bsp. 1300 Stück 0603			Aliexpress