

Componenti per la BDS

Componenti necessari per l'assemblaggio della BDS			
Prefisso	descrizione	quant.	link (solo per indicazione)
VIN	Led blu da 3,3v	1	https://it.aliexpress.com/item/1005003323707856.html?spm=a2g0o.order_list.order_list_main.621.7af
5V	Led rosso da 3,3v	1	https://it.aliexpress.com/item/1005003323707856.html?spm=a2g0o.order_list.order_list_main.621.7af
3,3v	Led verde da 3,3v	1	https://it.aliexpress.com/item/1005003323707856.html?spm=a2g0o.order_list.order_list_main.621.7af
C1/C4/C5	Elettrol. 100 µF 25 VI	3	https://it.aliexpress.com/item/1005003189675117.html?spm=a2g0o.order_list.order_list_main.626.7af
C2/C3	Elettrol. 10 µF 25 VI	2	https://it.aliexpress.com/item/1005003189675117.html?spm=a2g0o.order_list.order_list_main.626.7af
C3	Condensatore 10 nF	1	https://it.aliexpress.com/item/1005003189675117.html?spm=a2g0o.order_list.order_list_main.626.7af
D1/D2/D3/D4	Diodo 1N4007	4	https://it.aliexpress.com/item/1005002772647658.html?spm=a2g0o.order_list.order_list_main.717.7af
R1	Resistenza 220Ω 1/8W	1	https://it.aliexpress.com/item/33025939683.html?spm=a2g0o.order_list.order_list_main.609.7af93696
R2/.R9	Resistenza 10 KΩ 1/8W	8	https://it.aliexpress.com/item/33025939683.html?spm=a2g0o.order_list.order_list_main.609.7af93696
R10	Resistenza 560 Ω 1/8W	1	https://it.aliexpress.com/item/33025939683.html?spm=a2g0o.order_list.order_list_main.609.7af93696
R11	Resistenza 1 KΩ 1/8W	1	https://it.aliexpress.com/item/33025939683.html?spm=a2g0o.order_list.order_list_main.609.7af93696
MF1	Mos-fet IRF520	1	https://it.aliexpress.com/item/1005007084867411.html?spm=a2g0o.productlist.main.3.34b345c3aofuZ
L7808	regolatore di tensione L7808 (8 v)	1	https://it.aliexpress.com/item/32870556485.html?spm=a2g0o.order_list.order_list_main.53.7af93696p
L7805	regolatore di tensione L7805 (5 v)	1	https://it.aliexpress.com/item/1005008093159699.html?spm=a2g0o.productlist.main.1.71b8cMIHcMIH
3v_reg.	regolatore di tensione 3,3v	1	https://www.amazon.it/Fasizi-Regolatore-Tensione-Alimentazione-4-75V-12V/dp/B09Z28LTRD/ref=sr
TRM1	Potenziometro 10 KΩ	1	https://it.aliexpress.com/item/1005001958275450.html?spm=a2g0o.order_list.order_list_main.595.7af
U1	Zoccolo 38 pin per ESP32S	1	
U2	Zoccolo 30 pin per ESP32	1	
MT1/BZ1/DA1/ AD1A/AD1B/ GPS1/ GPS2RFID1/ I2C1/I2C2/I2C3/ DA2/DA3/DA4/ DA5/DATA	File di connettori femmina da 40 pin HDR-F-2.54_1x40 Bianchi	4	https://it.aliexpress.com/item/1005005038036493.html?spm=a2g0o.order_list.order_list_main.29.489c
RELAY/SWITCH/ I2C4	File di connettori femmina da 40 pin HDR-F-2.54_1x40 Rossi da 40 pin HDR-F-2.54_1x40 BLU	2	https://it.aliexpress.com/item/1005005038036493.html?spm=a2g0o.order_list.order_list_main.41.7af9
GND	File di connettori femmine da 40 pin HDR-F-2.54_1x40 Neri	1	https://it.aliexpress.com/item/1005005038036493.html?spm=a2g0o.order_list.order_list_main.41.7af9
+3.3v/+5v	File di connettori femmina da 40 pin HDR-F-2.54_1x40 Rossi	1	https://it.aliexpress.com/item/1005005038036493.html?spm=a2g0o.order_list.order_list_main.41.7af9
SV1/J5/J6/J7/ SDA/J3	File di connettori maschio da 40 pin HDR-M-2.54_1x40 Neri	1	https://it.aliexpress.com/item/1005002577212594.html?spm=a2g0o.order_list.order_list_main.23.7af9
J10/J2/3v_sel/ vin_sel/J4/J8/J9	File di connettori maschio da 40 pin HDR-M-2.54_1x40 Rossi	2	https://it.aliexpress.com/item/1005002577212594.html?spm=a2g0o.order_list.order_list_main.23.7af9
Jumper	jumper rossi	7	https://it.aliexpress.com/item/1005002448285187.html?spm=a2g0o.order_list.order_list_main.47.7af9
Jumper	jumper verdi	5	https://it.aliexpress.com/item/1005002448285187.html?spm=a2g0o.order_list.order_list_main.47.7af9
Jack audio	jack audio 3.5	1	https://it.aliexpress.com/item/32900115725.html?spm=a2g0o.order_list.order_list_main.732.7af93696
Connettore alimentazione	Connettore alimentazione 3 pin 5.5 x 2.1 mm		https://it.aliexpress.com/item/4001206395694.html?spm=a2g0o.productlist.main.19.1db91a7blucvii&a

Componenti per la BDS

Componenti accessori			
Prefisso	descrizione	quant.	link (solo per indicazione)
Tastiera	tastiera 2x4 pulsanti	1	https://it.aliexpress.com/item/1005006381605495.html?spm=a2g0o.order_list.order_list_main.99.7af9
ESP32	Microcontroller ESP32 (30pin) CH340C	1	https://it.aliexpress.com/item/1005005704190069.html?spm=a2g0o.order_list.order_list_main.364.7af
ESP32S	Microcontroller ESP32S (38pin) connettore Type C CP2102	1	https://it.aliexpress.com/item/1005005972312714.html?spm=a2g0o.order_list.order_list_main.163.7af
ESP32 LGVL	Microcontroller ESP32 con display touch LVGL 2,4"	1	https://it.aliexpress.com/item/1005006604267846.html?spm=a2g0o.order_list.order_list_main.119.7af
Modulo 8 led	Modulo 8 led rossi o blu anodo comune/catodo comune	1	https://it.aliexpress.com/item/1005006407862412.html?spm=a2g0o.order_list.order_list_main.419.7af
Display Touch 2.8"	Display Touch 2.8" LVGL	1	https://it.aliexpress.com/item/1005003936535877.html?spm=a2g0o.order_list.order_list_main.101.226