Bill of Materials: robotling2_v4.fzz

H:\Dropbox__ROS__Circuit boards\board_robotling2\robotling2_v4.fzz
Donnerstag, Dezember 16 2021, 09:49:42

Assembly List

Label	Part Type	Properties
Ai0/1	Generic male header - 3 pins	Beinchen 3; Form ♂ (male); Lochgröße 1.0mm,0.508mm; row single; Paket THT; Beinchenabstand 0.1in (2.54mm)
Ai1	Generic male header - 3 pins	Beinchen 3; Form ♂ (male); Lochgröße 1.0mm,0.508mm; row single; Paket THT; Beinchenabstand 0.1in (2.54mm)
D0/Ai2	Generic male header - 3 pins	Beinchen 3; Form ♂ (male); Lochgröße 1.0mm,0.508mm; row single; Paket THT; Beinchenabstand 0.1in (2.54mm)
I2C	Generic male header - 4 pins	Beinchen 4; Form ♂ (male); Lochgröße 1.0mm,0.508mm; row single; Paket THT; Beinchenabstand 0.1in (2.54mm)
I2C1	Generic male header - 4 pins	Beinchen 4; Form ♂ (male); Lochgröße 1.0mm,0.508mm; row single; Paket THT; Beinchenabstand 0.1in (2.54mm)
I2C2	Header 4	Paket 1x04-1mm-ra; Variante smd2
J1	Generic male header - 2 pins	Beinchen 2; Form ♂ (male); Lochgröße 1.0mm,0.508mm; row single; Paket THT; Beinchenabstand 0.1in (2.54mm)
J2	Generic female header - 3 pins	Beinchen 3; Form ♀ (female); Lochgröße 1.0mm,0.508mm; row single; Paket THT; Beinchenabstand 0.1in (2.54mm)
J2	Generic male header - 3 pins	Beinchen 3; Form ♂ (male); Lochgröße 1.0mm,0.508mm; row single; Paket THT; Beinchenabstand 0.1in (2.54mm)
J3	Generic male header - 3 pins	Beinchen 3; Form ♂ (male); Lochgröße 1.0mm,0.508mm; row single; Paket THT; Beinchenabstand 0.1in (2.54mm)
J4	Generic male header - 3 pins	Beinchen 3; Form ♂ (male); Lochgröße 1.0mm,0.508mm; row single; Paket THT; Beinchenabstand 0.1in (2.54mm)
J5	Generic female header - 20 pins	Beinchen 20; Form ♀ (female); Lochgröße 1.0mm,0.508mm; row single; Paket THT; Beinchenabstand 0.1in (2.54mm)
J6	Generic female header - 20 pins	Beinchen 20; Form ♀ (female); Lochgröße 1.0mm,0.508mm; row single; Paket THT; Beinchenabstand 0.1in (2.54mm)
LED1	Yellow (595nm) LED	Farbe Yellow (595nm); Strom 0.030; Paket 3 mm [THT]; leg yes

Label	Part Type	Properties
M1	Generic male header - 3 pins	Beinchen 3; Form ♂ (male); Lochgröße 1.0mm,0.508mm; row single; Paket THT; Beinchenabstand 0.1in (2.54mm)
M2	Generic male header - 3 pins	Beinchen 3; Form ♂ (male); Lochgröße 1.0mm,0.508mm; row single; Paket THT; Beinchenabstand 0.1in (2.54mm)
M3	Generic male header - 3 pins	Beinchen 3; Form ♂ (male); Lochgröße 1.0mm,0.508mm; row single; Paket THT; Beinchenabstand 0.1in (2.54mm)
Mod1	Raspberry Pi Pico	Typ tht; Variante variant 1
Q1	PNP-Transistor	Paket SOT-23 [SMD]; Typ PNP
R1	1kΩ Resistor	bands 4; Toleranz ±5%; Leistung 0.25; Paket THT; Beinchenabstand 400 mil; Widerstand 1kΩ
R2	1.5kΩ Resistor	bands 4; Toleranz ±5%; Leistung 0.25; Paket THT; Beinchenabstand 400 mil; Widerstand 1.5kΩ
R3	1kΩ Resistor	bands 4; Toleranz ±5%; Leistung 0.25; Paket THT; Beinchenabstand 400 mil; Widerstand 1kΩ
R4	1kΩ Resistor	bands 4; Toleranz ±5%; Leistung 0.25; Paket THT; Beinchenabstand 400 mil; Widerstand 1kΩ
R5	1.5kΩ Resistor	bands 4; Toleranz ±5%; Leistung 0.25; Paket THT; Beinchenabstand 400 mil; Widerstand 1.5kΩ
R6	1.5kΩ Resistor	bands 4; Toleranz ±5%; Leistung 0.25; Paket THT; Beinchenabstand 400 mil; Widerstand 1.5kΩ
R7	8.2kΩ Resistor	bands 4; Toleranz ±5%; Leistung 0.25; Paket THT; Beinchenabstand 400 mil; Widerstand 8.2kΩ
R8	8.2kΩ Resistor	bands 4; Toleranz ±5%; Leistung 0.25; Paket THT; Beinchenabstand 400 mil; Widerstand 8.2kΩ
R9	220Ω Resistor	bands 4; Toleranz ±5%; Leistung 0.25; Paket THT; Beinchenabstand 400 mil; Widerstand 220Ω
S1	SPST Switch	Paket switch-spdt_lock.007s; Variante pth_lock
S2	Momentary Switch	Paket ksa_sealed_tac_switch; Variante ksa_sealed

Shopping List

Amount	Part Type	Properties
9	Generic male header - 3 pins	Beinchen 3; Form ♂ (male); Lochgröße 1.0mm,0.508mm; row single; Paket THT; Beinchenabstand 0.1in (2.54mm)
2	Generic male header - 4 pins	Beinchen 4; Form ♂ (male); Lochgröße 1.0mm,0.508mm; row single; Paket THT; Beinchenabstand 0.1in (2.54mm)

Amount	Part Type	Properties
1	Header 4	Paket 1x04-1mm-ra; Variante smd2
1	Generic male header - 2 pins	Beinchen 2; Form ♂ (male); Lochgröße 1.0mm,0.508mm; row single; Paket THT; Beinchenabstand 0.1in (2.54mm)
1	Generic female header - 3 pins	Beinchen 3; Form ♀ (female); Lochgröße 1.0mm,0.508mm; row single; Paket THT; Beinchenabstand 0.1in (2.54mm)
2	Generic female header - 20 pins	Beinchen 20; Form ♀ (female); Lochgröße 1.0mm,0.508mm; row single; Paket THT; Beinchenabstand 0.1in (2.54mm)
1	Yellow (595nm) LED	Farbe Yellow (595nm); Strom 0.030; Paket 3 mm [THT]; leg yes
1	Raspberry Pi Pico	Typ tht; Variante variant 1
1	PNP-Transistor	Paket SOT-23 [SMD]; Typ PNP
3	1kΩ Resistor	bands 4; Toleranz ±5%; Leistung 0.25; Paket THT; Beinchenabstand 400 mil; Widerstand 1kΩ
3	1.5kΩ Resistor	bands 4; Toleranz ±5%; Leistung 0.25; Paket THT; Beinchenabstand 400 mil; Widerstand 1.5kΩ
2	8.2kΩ Resistor	bands 4; Toleranz ±5%; Leistung 0.25; Paket THT; Beinchenabstand 400 mil; Widerstand 8.2kΩ
1	220Ω Resistor	bands 4; Toleranz ±5%; Leistung 0.25; Paket THT; Beinchenabstand 400 mil; Widerstand 220Ω
1	SPST Switch	Paket switch-spdt_lock.007s; Variante pth_lock
1	Momentary Switch	Paket ksa_sealed_tac_switch; Variante ksa_sealed

Exported with Fritzing 0.9.9- http://fritzing.org