

1 2 3 4 5 6 7 8

A

A

B

B

C

C

D

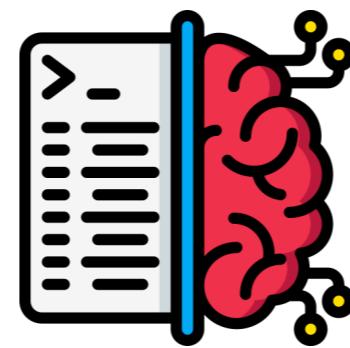
D

E

E

F

F



OpenBotBrain

PCB Pages

01-Microcontroller and Extras
File: 01-Microcontroller and Extras.kicad_sch
02-System Power Supply and USB
File: 02-System Power Supply and USB.kicad_sch
03-System Inputs A
File: 03-System Inputs A.kicad_sch
04-System Inputs B
File: 04-System Inputs B.kicad_sch
05-System Outputs A
File: 05-System Outputs A.kicad_sch
06-System Outputs B
File: 06-System Outputs B.kicad_sch

Power Rail

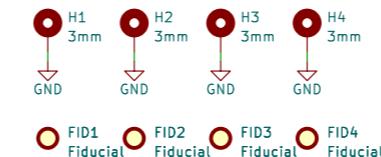
+3.3V	3V3 Power Supply (LDO 4V2)
+5V	5V Power Supply (Boost 4V2)
+9V	9V Power Supply (Boost 4V2)
+4.2V	4V2 Main Power Supply Rail
VBUS	[5-12]V USB Input Supply
+BATT	Battery Voltage 3.7V-4.2V
	Ground

PCB Revision

ID0	ID1	Revision
0	0	PCB Rev A

Variant

Var	Description
V1	Production



SYMBOL3
open source hardware
SYMBOL2
Lego Robot Controller
SYMBOL1
designed by SGGTAV

sggtav@gmail.com
design by sggta
Sheet: /
File: RobotLegоСontroller.kicad_sch
Title: OpenBotBrain
Size: A3 | Date: 2023-02-22
KiCad E.D.A. kicad (7.0.0)



Rev: REV A

Id: 1/7

