Shield Botoneira con Pull-up no Arduino

Keypad

GND

GND

S7 S6 S5 S4 S3 S2 S1

RST

RT.6 10K
RT.5 10K
RT.4 10K
RT.3 10K
RT.2 10K
RT.1 10K

A4

Forward
S1

Left S2

Right S6

Clear S3

S4

GO Go
S5

Backward

Reset S7

Led on board

LED_PL

Led en placa

RT.7
LED5MM 1K

GND

Aux. Connectors

VCC

SJ1

RAW

Voltage Selector for J1 connector

A7 2
A6 3
4
5
A3 6
A2 7
A1 8
A0 9
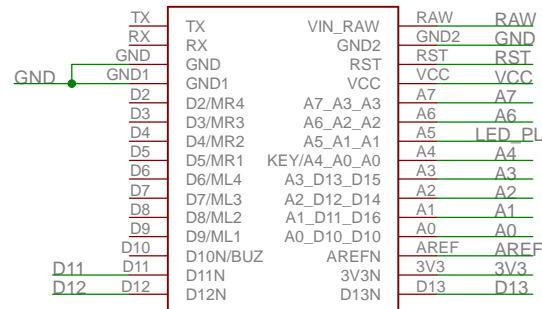AREF 10
3V3 11
D13 12
GND 13

J1
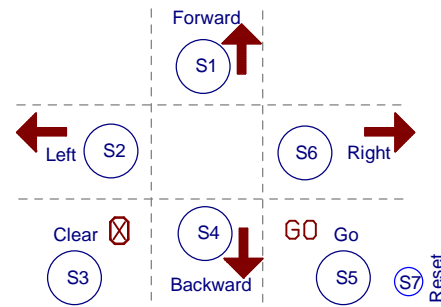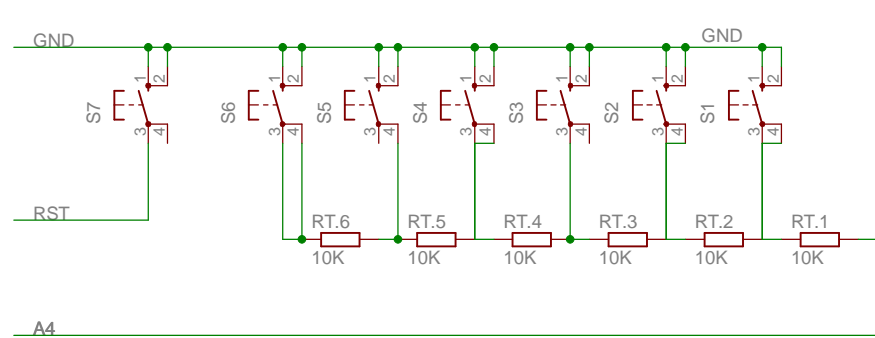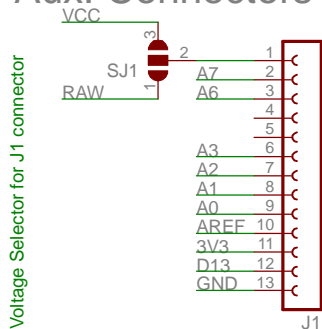
Nano
Mini
Micro pro

A1_D11_D16

A2_D12_D14

A3_D13_D15

Escornabot CPU1.0 connector

TX	TX	VIN_RAW	RAW	RAW
RX	RX	GND2	GND2	GND
GND	GND	RST	RST	RST
	GND1	VCC	VCC	VCC
D2	D2/MR4	A7_A3_A3	A7	A7
D3	D3/MR3	A6_A2_A2	A6	A6
D4	D4/MR2	A5_A1_A1	A5	LED_PL
D5	D5/MR1	KEY/A4_A0_A0	A4	A4
D6	D6/ML4	A3_D13_D15	A3	A3
D7	D7/ML3	A2_D12_D14	A2	A2
D8	D8/ML2	A1_D11_D16	A1	A1
D9	D9/ML1	A0_D10_D10	A0	A0
D10	D10N/BUZ	AREFN	AREF	AREF
D11	D11N	3V3N	3V3	3V3
D12	D12N	D13N	D13	D13

GND

Connector to other CPUs

GND   22-05-7028-02
           J2-1

A4   J2-2

90º rotate

GND   22-05-7028-02
           J4-1

A4   J4-2
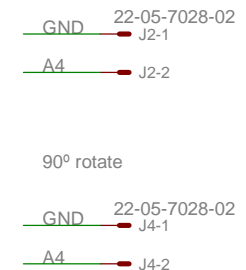
D11   22-05-7038-03
           J3-1

D12   J3-2

GND   J3-3

D$

EscornaBOT

open hardware

TITLE: Escorna_Shield_botoneira_2_0D

Document Number:
XDeSIG

REV:
000.D

Date: 22/07/2015 11:13:19

Sheet: 1/1