

Human Interface
Subsystem
Rohan Fernandez

LM2575-3.3WU-TR
3.3V Switching
Regulator

Left Pushbutton (hold
to actuate left)

Right Pushbutton
(hold to actuate right)

OLED Display Screen
Songhe I2C 128x64
with ssd1306 driver

Display Screen
and Direction
Buttons

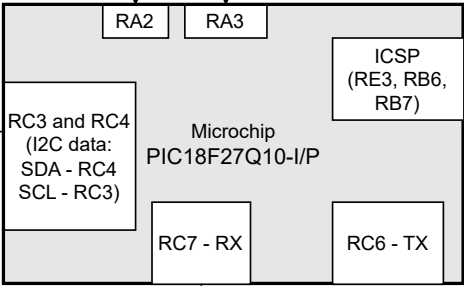
digital - parallel
(1 pin)

digital - parallel
(1 pin)

I2C Digital-Serial

Microchip Snap
Programmer

digital - parallel
(3 pins)



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digital in
(1 pin)

digital out
(1 pin)

Barrel Jack

L6R24 12V 2A
AC/DC Wall Supply

Jumper

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Power
In

Power
Out

