digital out pin

one side of the game pad swith

RX+TX LEDs   Pin 13 (L) LED

Digital Pins

FTDI USB Chip

MADE IN ITALY

3 2 1 0 9 8   7 6 5 4 3 2 1 0
1 1 1 1   DIGITAL

Power LED

MOSFET

D

TX   Arduino ™
RX   Diecimila

Reset Button

S1

ICSP Header

G

USB
EXT

ICSP

S

lator

Microcontroller

ATMEGA168-20PU

Jack

3V3   POWER   ANALOG IN
5V Gnd Vin   0 1 2 3 4 5

www.arduino.cc

GND   Pins   Analog Input Pins

analog in pin

other side of the game pad swith

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analog
sensor

<< to computer

(it is not necessary to be
connected to computer.
Just needs to be powered)

connect to
the gamepad Ground