TRAMS Pinout (V0.91)
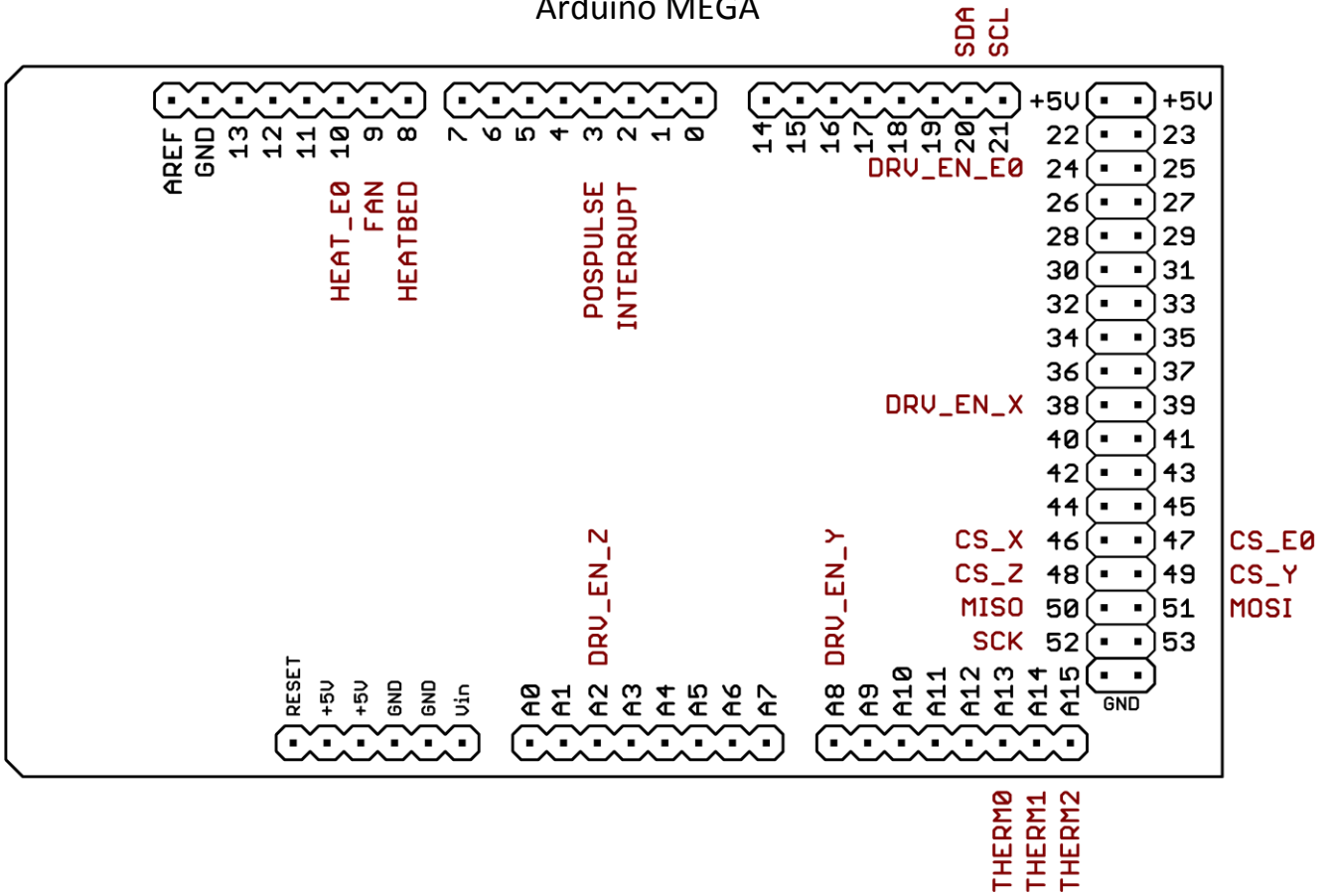
Arduino MEGA

SDA
SCL

AREF
GND
13
12
11
10
9
8
HEAT_E0
FAN
HEATBED

7
6
5
4
3
2
1
0
POSPULSE
INTERRUPT

14
15
16
17
18
19
20
21
DRV_EN_E0

+5V
22 23 +5V
24 25
26 27
28 29
30 31
32 33
34 35
36 37
DRV_EN_X 38 39
40 41
42 43
44 45
CS_X 46 47 CS_E0
CS_Z 48 49 CS_Y
MISO 50 51 MOSI
SCK 52 53
GND

RESET
+5V
+5V
GND
GND
Vin

A0
A1
A2 DRV_EN_Z
A3
A4
A5
A6
A7

A8 DRV_EN_Y
A9
A10
A11
A12
A13
A14
A15

THERM0
THERM1
THERM2

TRAMS

EXT_0
VM

EXT_0 IN

HEATBED
V_HB

HEATBED IN

FAN
VM

FAN IN

V_HB
FUSE
V_HB V_HB V_HB GND
HEATBED
GND

VM
FUSE
VM VM VM GND
MAIN
GND

THERM_0 GND
THERM_1 GND
THERM_2 GND

E0_ENDSTOP
RIGHT
+5V
GND
+5V
LEFT

SCL SDA GND +5V
I2C

VM GND
VM GND
Z_MOTOR_2
A1 A2 B1 B2
Z_MOTOR_1
A1 A2 B1 B2

GND
RESET
D11 D6 D5 D4
SERVO
+5V
GND
+5V GND D1 D0
5V GND A3 A4
AUX-1

E0_MOTOR
A1
A2
B1
B2

X_ENDSTOP
RIGHT
+5V
GND
+5V
LEFT

Z_ENDSTOP
LEFT
+5V
GND
+5V
RIGHT

Y_MOTOR
B2
B1
A2
A1

GND A9 D40 D42 A11
+5V A5 A10 D44 A12
AUX-2

X_MOTOR
A1
A2
B1
B2

Y_ENDSTOP
LEFT
+5V
GND
+5V
RIGHT

D16
D17
D23
D25
D27
D29
D31
D33
D35
D37
D39
D41
D43
D45
D36
D32
GND
+5V
AUX-4

GND SCK MISO +5V
GND D53 MOSI D34
AUX-3