

USB

Arduino Mega Pinout Quick Reference

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- digitalWrite()
- analogWrite()
- analogRead()
- PCINT
- INT

ATmega1280

MISO B3 +5V
 SCK B1 B2 MOSI
 RESET GND

Power

RESET +3,3V +5V GND Power in

54 55 56 57 58 59 60 61
 0 1 2 3 4 5 6 7
 F0 F1 F2 F3 F4 F5 F6 F7

62 63 64 65 66 67 68 69
 8 9 10 11 12 13 14 15
 K0 K1 K2 K3 K4 K5 K6 K7

7 6 5 4 5 4 10 9 3 2 1 0
 AREF GND B7 B6 B5 B4 H6 H5 H4 H3 E3 G5 E5 E4 E1 E0 J1 J0 H1 H0 D3 D2 D1 D0
 13 12 11 10 9 8 7 6 5 4 3 2 TX0 RX0 TX3 RX3 TX2 RX2 TX1 RX1 SDA SCL
 PWM UART UART UART I2C

+5V

EXTERNAL RAM
 A0 A1
 A2 A3
 A4 A5
 A6 A7
 A8-A15
 C7 C6
 C5 C4
 C3 C2
 C1 C0
 D7 G2 ALE
 RD G1 G0 WR
 L7 L6
 OC5C L5 L4 OC5B
 OC5A L3 L2
 L1 L0
 MISO B3 B2 MOSI
 SCK B1 B0 SS

22 23
 24 25
 26 27
 28 29
 30 31
 32 33
 34 35
 36 37
 38 39
 40 41
 42 43
 44 45
 46 47
 48 49
 50 51
 52 53

16 17 18 19 20 21 22 23

3 2
1 0