| | Description | Used in Engduino |
|---|---|---|
| 1 | Analog pin 3 (A3) | Not used |
| 2 | Analog pin 2 (A2) | Not used |
| 3 | Digital pin 5 (D5 PWM) | SD card detect |
| 4 | Digital pin 6 (D6 PWM) | IR transmit |
| 5 | Digital pin 12  (D12) | LED driver (latch) |
| 6 | TXLED | Not used |
| 7 | I2C_SDA | Sensors |
| 8 | I2C_SCL | Sensors |
| 9 | UART_RX | Not used |
| 10 | UART_TX | Not used |
| 11 | SPI_MISO | Bootloader/LED driver |
| 12 | SPI_MOSI | Bootloader/LED driver |
| 13 | SPI_SCK | Bootloader/LED driver |
| 14 | Reset | Bootloader/LED driver |
| 15 | Power + (VCC) | VCC |
| 16 | Power – (GND) | GND |

*Pin assignment in Description are referenced to Arduino pin assignment*