

RPi pin-out – Sheet1

| Pin Number | Pin Name Rev2 | Reserved for? | Hardware Notes | Alt 0 Function | Other Alternative Functions | |
|------------|---------------|-------------------|--------------------------------|----------------------|---|--|
| P1-01 | 3.3 V | | 50 mA max (01 & 17) | | | |
| P1-02 | 5V0 | <char display> | Supply through input poly fuse | | | |
| P1-03 | GPIO 0 | Char Display | GPIO 2 | 1K8 pull up resistor | I2C0_SDA / I2C1_SDA | |
| P1-04 | 5V0 | <try both servos> | Supply through input poly fuse | | | |
| P1-05 | GPIO 1 | Char Display | GPIO 3 | 1K8 pull up resistor | I2C0_SCL / I2C1_SCL | |
| P1-06 | GND | <char display> | | | | |
| P1-07 | GPIO 4 | Tilt Servo | | GPCLK0 | ALT5 = ARM_TDI | |
| P1-08 | GPIO 14 | | Boot to Alt 0 -> | UART0_TXD | ALT5 = UART1_TXD | |
| P1-09 | GND | | | | | |
| P1-10 | GPIO 15 | | Boot to Alt 0 -> | UART0_RXD | ALT5 = UART1_RXD | |
| P1-11 | GPIO17 | Pan Servo | | | ALT3 = UART0_RTS ALT4 = SPI1_CE1_N ALT5 = UART1_RTS | |
| P1-12 | GPIO 18 | | | PCM_CLK | ALT4 = SPI1_CE0_N ALT5 = PWM0 | |
| P1-13 | GPIO21 | | GPIO27 | | PCM_DOUT / reserved | ALT4 = SPI1_SCLK ALT5 = GPCLK1 / ALT3 = SD1_DAT3 ALT4 = ARM_TMS |
| P1-14 | GND | | | | | |
| P1-15 | GPIO22 | Scan LED | | | ALT3 = SD1_CLK ALT4 = ARM_TRST | |
| P1-16 | GPIO23 | | | | ALT3 = SD1_CMD ALT4 = ARM_RTCK | |
| P1-17 | 3.3 V | | 50 mA max (01 & 17) | | | |
| P1-18 | GPIO24 | | | | ALT3 = SD1_DAT0 ALT4 = ARM_TDO | |
| P1-19 | GPIO10 | | | SPI0_MOSI | | |
| P1-20 | GND | | | | | |
| P1-21 | GPIO9 | | | SPI0_MISO | | |
| P1-22 | GPIO25 | | | | ALT3 = SD1_DAT1 ALT4 = ARM_TCK | |
| P1-23 | GPIO11 | | | SPI0_SCLK | | |
| P1-24 | GPIO08 | | | SPI0_CE0_N | | |

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|-------|--------|--|--|--|--|--|
| P1-25 | GND | | | | | |
| P1-26 | GPIO07 | | | | | |