



| Raspberry Pi 3 GPIO Header |                       |  |                       |      |
|----------------------------|-----------------------|--|-----------------------|------|
| Pin#                       | NAME                  |  | NAME                  | Pin# |
| 01                         | 3.3v DC Power         |  | DC Power 5v           | 02   |
| 03                         | GPIO02 (SDA1 , I²C)   |  | DC Power 5v           | 04   |
| 05                         | GPIO03 (SCL1 , I²C)   |  | Ground                | 06   |
| 07                         | GPIO04 (GPIO_GCLK)    |  | (TXD0) GPIO14         | 08   |
| 09                         | Ground                |  | (RXD0) GPIO15         | 10   |
| 11                         | GPIO17 (GPIO_GEN0)    |  | (GPIO_GEN1) GPIO18    | 12   |
| 13                         | GPIO27 (GPIO_GEN2)    |  | Ground                | 14   |
| 15                         | GPIO22 (GPIO_GEN3)    |  | (GPIO_GEN4) GPIO23    | 16   |
| 17                         | 3.3v DC Power         |  | (GPIO_GEN5) GPIO24    | 18   |
| 19                         | GPIO10 (SPI_MOSI)     |  | Ground                | 20   |
| 21                         | GPIO09 (SPI_MISO)     |  | (GPIO_GEN6) GPIO25    | 22   |
| 23                         | GPIO11 (SPI_CLK)      |  | (SPI_CEO_N) GPIO08    | 24   |
| 25                         | Ground                |  | (SPI_CEO_N) GPIO07    | 26   |
| 27                         | ID_SD (I²C ID EEPROM) |  | (I²C ID EEPROM) ID_SC | 28   |
| 29                         | GPIO05                |  | Ground                | 30   |
| 31                         | GPIO06                |  | GPIO12                | 32   |
| 33                         | GPIO13                |  | Ground                | 34   |
| 35                         | GPIO19                |  | GPIO16                | 36   |
| 37                         | GPIO26                |  | GPIO20                | 38   |
| 39                         | Ground                |  | GPIO21                | 40   |

