

Expansion header pinout

Bold = Default configuration, can be changed via solder jumpers

| Signal | Pin Nr. | Pin Nr. | Signal |
|--|---------|---------|--|
| 3.3 V | 1 | 2 | 5 V |
| Jetson I2C 0 SDA , SMARC I2C GP SDA, SMARC GPIO 1 | 3 | 4 | 5 V |
| Jetson I2C 0 SCL , SMARC I2C GP SCL, SMARC GPIO 0 | 5 | 6 | GND |
| SMARC GPIO 2 | 7 | 8 | Jetson UART 0 TXD , SMARC UART 1 TXD |
| GND | 9 | 10 | Jetson UART 0 RXD , SMARC UART 1 RXD, Jetson GPIO 0 |
| Jetson UART 0 RTS , SMARC UART 1 RTS, SMARC GPIO 3 | 11 | 12 | Jetson I2S SCLK , SMARC I2S SCLK, Jetson GPIO 2 |
| SMARC GPIO 4 | 13 | 14 | GND |
| SMARC GPIO 8 | 15 | 16 | Jetson GPIO 3 |
| 3.3 V | 17 | 18 | Jetson GPIO 5 |
| Jetson SPI 0 MOSI , SMARC SPI 0 MOSI | 19 | 20 | GND |
| Jetson SPI 0 MISO , SMARC SPI 0 MISO | 21 | 22 | Jetson GPIO 6 |
| Jetson SPI 0 SCK , SMARC SPI 0 SCK | 23 | 24 | Jetson SPI 0 CS0 , SMARC SPI 0 CS0, Jetson GPIO 9 |
| GND | 25 | 26 | Jetson SPI 0 CS1 , Jetson GPIO 10 |
| SMARC GPIO 9 | 27 | 28 | Jetson GPIO 11 |
| SMARC GPIO 10 | 29 | 30 | GND |
| SMARC GPIO 11 | 31 | 32 | Jetson GPIO 13 |
| SMARC GPIO 12 | 33 | 34 | GND |
| Jetson I2S FS , SMARC I2S FS | 35 | 36 | Jetson UART 0 CTS , SMARC UART 1 CTS, Jetson GPIO 12 |
| SMARC GPIO 13 | 37 | 38 | Jetson I2S DIN , SMARC I2S DIN |
| GND | 39 | 40 | Jetson I2S DOUT , SMARC I2S DOUT |

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