| Name | Port/IO | H1 | | Port/IO | Name | Legend | Name | Port/IO | H2 | | Port/IO | Name | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GPIO0 | | 1 | 2 | | GPIO1 | PRI | SGPIO0 | | 1 | 2 | | SGPIO1 | Add: TPs and Port/Pin |
| GPIO2 | | 3 | 4 | | GPIO3 | SEC | SGPIO2 | | 3 | 4 | | SGPIO3 | |
| RESERVED | | 5 | 6 | | RESERVED | SHARE | I2C3_SDA | | 5 | 6 | | I2C3_SCL | |
| GPIO4 | | 7 | 8 | | GPIO5 | AUX | SGPIO4 | | 7 | 8 | | PDM 1 (12V) | |
| GPIO6 | | 9 | 10 | | GPIO7 | PWR | GND | | 9 | 10 | | PDM 2 (12V) | |
| GPIO8 | | 11 | 12 | | GPIO9 | NC | PDM 3 (BAT) | | 11 | 12 | | PDM 4 (BAT) | |
| GPIO10 | | 13 | 14 | | GPIO11 | | PDM 5 (5V) | | 13 | 14 | | GND | |
| GPIO12 | | 15 | 16 | NC | GPIO13 | | PDM 6 (5V) | | 15 | 16 | | PDM 7 (5V) | |
| RESERVED | | 17 | 18 | | RESERVED | | GND | | 17 | 18 | | PDM 8 (3v3) | |
| I2C2_SDA | | 19 | 20 | | I2C2_SCL | | PDM 9 (3v3) | | 19 | 20 | | PDM 10 (3v3) | |
| SYS_SPI_SCK | | 21 | 22 | | SYS_SPI_MISO | | GND | | 21 | 22 | | GND | |
| SYS_SPI_MOSI | | 23 | 24 | | SYS_SPI_NSS | | 12V | | 23 | 24 | | 12V | |
| ~FAULT | | 25 | 26 | | VREF0 | | 5V_SYS | 5V | 25 | 26 | 5V | 5V_SYS | |
| SENSE | | 27 | 28 | | VREF1 | | VCC_SYS | 3V | 27 | 28 | 3V | VCC_SYS | |
| ~RESET | SYS_RESET | 29 | 30 | | VREF2 | | DGND | GND | 29 | 30 | GND | DGND | |
| OFF_VCC | | 31 | 32 | | 5V_USB | | AGND | | 31 | 32 | GND | DGND | |
| MHX_CRAP | SGPIO7 | 33 | 34 | SGPIO8 | MHX_CRAP | | RESERVED | | 33 | 34 | | RESERVED | |
| MHX_CRAP | SGPIO9 | 35 | 36 | SGPIO10 | MHX_CRAP | | PCM_IN | | 35 | 36 | | PCM_IN | |
| MHX_CRAP | SGPIO11 | 37 | 38 | SGPIO12 | MHX_CRAP | | RESERVED | | 37 | 38 | | RESERVED | |
| MHX_CRAP | SGPO13 | 39 | 40 | NC | MHX_CRAP | | RESERVED | | 39 | 40 | | RESERVED | |
| SYS_SDA | SYS_SDA | 41 | 42 | | VBACKUP | | IDIODE_OUT | | 41 | 42 | | IDIODE_OUT | |
| SYS_SCL | SYS_SCL | 43 | 44 | | RSVD0 | | IDIODE_OUT | | 43 | 44 | | IDIODE_OUT | |
| RSVD1 | | 45 | 46 | | RSVD2 | | VBATT | | 45 | 46 | | VBATT | |
| USER0 | ~BUFEN_PRI | 47 | 48 | ~BUFEN_SEC | USER1 | | GND | GND | 47 | 48 | GND | GND | |
| USER2 | I2C2_SDA | 49 | 50 | SGPIO5 | USER2 | | USER9 | SPI2_NSS | 49 | 50 | SPI2_SCK | USER10 | |
| USER4 | I2C2_SCL | 51 | 52 | SGPIO6 | USER3 | | USER11 | SPI2_MISO | 51 | 52 | SPI2_MOSI | USER12 | |