BPI-BC95 40PIN GPIO (CON1)

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| **GPIO Pin Name** | **Default Function** | **Function2：GPIO** |
| CON1-P01 | GND |  |
| CON1-P02 | GND |  |
| CON1-P03 | MCU\_USART2\_RTS |  |
| CON1-P04 | GPIO\_PC6 |  |
| CON1-P05 | MCU\_USART2\_RX |  |
| CON1-P06 | RST\_BTN |  |
| CON1-P07 | MCU\_USART2\_TX |  |
| CON1-P08 | SPI1\_SCK |  |
| CON1-P09 | MCU\_USART2\_CTS |  |
| CON1-P10 | SPI1\_MISO |  |
| CON1-P11 | GPIO\_PB8 |  |
| CON1-P12 | SPI1\_NSS |  |
| CON1-P13 | GPIO\_PB9 |  |
| CON1-P14 | SPI1\_MOSI |  |
| CON1-P15 | I2C1\_SCL |  |
| CON1-P16 | GPIO\_PC13 |  |
| CON1-P17 | I2C1\_SDA |  |
| CON1-P18 | GPIO\_PA15 |  |
| CON1-P19 | I2C2\_SCL |  |
| CON1-P20 | GPIO\_PB0 |  |
| CON1-P21 | I2C2\_SDA |  |
| CON1-P22 | GPIO\_PB1 |  |
| CON1-P23 | USART1\_CK |  |
| CON1-P24 | SPI2\_NSS |  |
| CON1-P25 | USART1\_TX |  |
| CON1-P26 | SPI2\_SCK |  |
| CON1-P27 | USART1\_RX |  |
| CON1-P28 | SPI2\_MISO |  |
| CON1-P29 | USART5\_CK |  |
| CON1-P30 | SPI2\_MOSI |  |
| CON1-P31 | USART5\_TX |  |
| CON1-P32 | USART4\_RX |  |
| CON1-P33 | USART5\_RX |  |
| CON1-P34 | USART4\_TX |  |
| CON1-P35 | VCC\_1.8V |  |
| CON1-P36 | NC |  |
| CON1-P37 | VCC\_5V |  |
| CON1-P38 | NC |  |
| CON1-P39 | GND |  |
| CON1-P40 | GND |  |

Debug UART(CON2)

|  |  |  |
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| CON2-P1 | GND |  |
| CON2-P2 | USART1\_RX |  |
| CON2-P3 | USART1\_TX |  |

SWD(CN1)

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| **CSI Pin Name** | **Default Function** | **Function2：GPIO** |
| CN1-P1 | VCC |  |
| CN1-P2 | GND |  |
| CN1-P3 | SWCLK |  |
| CN1-P4 | SWDIO |  |
| CN1-P5 | RESET-ST |  |