BPI-BC95 40PIN GPIO (CON1)

|  |  |  |
| --- | --- | --- |
| **GPIO Pin Name** | **Default Function** | **Function2：GPIO** |
| CON1-P01 | GND |  |
| CON1-P02 | GND |  |
| CON1-P03 | MCU\_USART2\_RTS | PA1 |
| CON1-P04 | GPIO\_PC6 | PC6 |
| CON1-P05 | MCU\_USART2\_RX | PA3 |
| CON1-P06 | RST\_BTN |  |
| CON1-P07 | MCU\_USART2\_TX | PA2 |
| CON1-P08 | SPI1\_SCK | PA5 |
| CON1-P09 | MCU\_USART2\_CTS | PA0 |
| CON1-P10 | SPI1\_MISO | PA6 |
| CON1-P11 | GPIO\_PB8 | PB8 |
| CON1-P12 | SPI1\_NSS | PA4 |
| CON1-P13 | GPIO\_PB9 | PB9 |
| CON1-P14 | SPI1\_MOSI | PA7 |
| CON1-P15 | I2C1\_SCL | PB6 |
| CON1-P16 | GPIO\_PC13 | PC13 |
| CON1-P17 | I2C1\_SDA | PB7 |
| CON1-P18 | GPIO\_PA15 | PA15 |
| CON1-P19 | I2C2\_SCL | PB10 |
| CON1-P20 | GPIO\_PB0 | PB0 |
| CON1-P21 | I2C2\_SDA | PB11 |
| CON1-P22 | GPIO\_PB1 | PB1 |
| CON1-P23 | USART1\_CK | PA8 |
| CON1-P24 | SPI2\_NSS | PB12 |
| CON1-P25 | USART1\_TX | PA9 |
| CON1-P26 | SPI2\_SCK | PB13 |
| CON1-P27 | USART1\_RX | PA10 |
| CON1-P28 | SPI2\_MISO | PB14 |
| CON1-P29 | USART5\_CK | PB5 |
| CON1-P30 | SPI2\_MOSI | PB15 |
| CON1-P31 | USART5\_TX | PB3 |
| CON1-P32 | USART4\_RX | PC11 |
| CON1-P33 | USART5\_RX | PB4 |
| CON1-P34 | USART4\_TX | PC10 |
| CON1-P35 | VCC\_1.8V |  |
| CON1-P36 | NC |  |
| CON1-P37 | VCC\_5V |  |
| CON1-P38 | NC |  |
| CON1-P39 | GND |  |
| CON1-P40 | GND |  |

Debug UART(CON2)

|  |  |  |
| --- | --- | --- |
| CON2-P1 | GND |  |
| CON2-P2 | USART1\_RX | PA9 |
| CON2-P3 | USART1\_TX | PA10 |

SWD(CN1)

|  |  |  |
| --- | --- | --- |
| **CSI Pin Name** | **Default Function** | **Function2：GPIO** |
| CN1-P1 | VCC |  |
| CN1-P2 | GND |  |
| CN1-P3 | SWCLK | PA14 |
| CN1-P4 | SWDIO | PA13 |
| CN1-P5 | RESET-ST |  |