

NUT-12S GPIO Definition ver1.0

| | | | | | | | | | |
|----------|------|------|------|---|------|------|--------------------------------|------|---------------|
| | | RST | 1 | 9 | IO16 | TXD0 | | | |
| SDIODAT3 | | ADC4 | IO5 | 2 | 10 | IO7 | RXD0 | | |
| SDIODAT0 | PWM2 | | IO2 | 3 | 11 | IO4 | ADC1 | SCL | PWM4 SDIODAT2 |
| | SCK | TDO | IO11 | 4 | 12 | IO3 | | SDA | PWM3 SDIODAT1 |
| | | TMS | IO12 | 5 | 13 | IO1 | | | PWM1 SDIOCMD |
| | SS | TCK | IO14 | 6 | 14 | IO8 | [BOOTSTRAP MODE 0:BOOT 1:UART] | | |
| | MOSI | TDI | IO17 | 7 | 15 | IO0 | | MISO | PWM0 SDIOCLK |
| | | | VCC | 8 | 16 | GND | | | |

| GPIO | ADC | UART | I2C | SPI | PWM | SDIO | JTAG |
|--------|-----------|------|-----|------|------|----------|-----------------------|
| GPIO0 | | | | MISO | PWM0 | SDIOCLK | |
| GPIO1 | | | | | PWM1 | SDIOCMD | |
| GPIO2 | | | | | PWM2 | SDIODAT0 | |
| GPIO3 | | | SDA | | PWM3 | SDIODAT1 | |
| GPIO4 | ADC1 | | SCL | | PWM4 | SDIODAT2 | |
| GPIO5 | ADC4 | | | | | SDIODAT3 | |
| GPIO7 | | RXD0 | | | | | |
| GPIO8 | | | | | | | |
| GPIO11 | ADC10 | | | SCK | | | TDO |
| GPIO12 | ADC0 | | | | | | TMS |
| GPIO14 | ADC2/DACB | | | SS | | | TCK |
| GPIO16 | | TXD0 | | | | | |
| GPIO17 | | | | MOSI | | | TDI |
| GPIO20 | | | | | | | --- NOT BRING OUT --- |
| GPIO21 | | | | | | | --- NOT BRING OUT --- |
| GPIO22 | | | | | | | --- NOT BRING OUT --- |