

| STM32F205RCT | | |
|--------------|-----------------|--------------------|
| Pin Number | Pin Name | Connection |
| 1 | VBAT | VBAT |
| 2 | PC13 | NC |
| 3 | PC14 | NC |
| 4 | PC15 | LED Green |
| 5 | OSC_IN | OSC_IN |
| 6 | OSC_OUT | OSC_OUT |
| 7 | NRST | RESET |
| 8 | PC0 | GPIO4_OUT |
| 9 | PC1 | NC |
| 10 | PC2 | USB/FS_OVERCURRENT |
| 11 | PC3 | NC |
| 12 | VSSA | GND |
| 13 | VSSA | VCC |
| 14 | PA0 | NC |
| 15 | PA1 | RED (ADC Sensor) |
| 16 | PA2 | GREEN (ADC Sensor) |
| 17 | PA3 | BLUE (ADC Sensor) |
| 18 | VSS_4 | GND |
| 19 | VCC_4 | VCC |
| 20 | PA4 | NC |
| 21 | PA5 | NC |
| 22 | PA6 | GPIO1 OUT |
| 23 | PA7 | SD_PWR_EN |
| 24 | PC4 | SD_EJECT |
| 25 | PC5 | SD_DETECT |
| 26 | PB0 | NC |
| 27 | PB1 | NC |
| 28 | PB2 | NC |
| 29 | PB10/USART3_Tx | USART3_RX |
| 30 | PB11/USART3_Rx | USART3_TX |
| 31 | VCAP_1 | VCAP_1 |
| 32 | VCC_1 | VCC |
| 33 | PB12/USART3_CK | PROGRAMMING_EN |
| 34 | PB13/USART3_CTS | GPIO5 OUT |
| 35 | PB14/USART3_RTS | GPIO6 OUT |
| 36 | PB15 | NC |
| 37 | PC6 | NC |
| 38 | PC7 | NC |
| 39 | PC8 | SDIO_D0 |
| 40 | PC9 | SDIO_D1 |
| 41 | PA8 | GPIO2_OUT |
| 42 | PA9 | VBUS/FS |
| 43 | PA10 | GPIO3_OUT |
| 44 | PA11 | USB_DM |
| 45 | PA12 | USB_DP |

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| 46 | PA13 | SWDIO |
| 47 | VCAP_2 | VCAP_2 |
| 48 | VCC_2 | VCC |
| 49 | PA14 | SWCK |
| 50 | PA15 | NC |
| 51 | PC10 | SDIO_D2 |
| 52 | PC11 | SDIO_D3 |
| 53 | PC12 | SDIO_CK |
| 54 | PD2 | SDIO_CMD |
| 55 | PB3 | NC |
| 56 | PB4 | NC |
| 57 | PB5 | USB/FS_POWERSWITCHON |
| 58 | PB6 | I2C1_SCL |
| 59 | PB7 | I2C1_SDA |
| 60 | BOOT0 | BOOT0 |
| 61 | PB8 | LED RED |
| 62 | PB9 | LED BLUE |
| 63 | VSS_3 | GND |
| 64 | VCC_3 | VCC |