

| MCU Pin | AFS / ANA | | Function | Key Board | RGB LED Driver | SPI Flash | Other Function | Other Plan IO | Note |
|---------|-----------|-----------|----------------------|------------|----------------|-----------|----------------|---------------|----------|
| PA0 | | | | | | | | | |
| PA1 | TM36_OC10 | | LED Driver | | GCLK_0 | | | | |
| PA2 | GPIO | | Key Board | NumLock | | | | | |
| PA3 | TM36_OC2N | | LED Driver | | GCLK_1 | | | | |
| PA4 | GPIO | | Key Board | Game | | | | | |
| PA5 | GPIO | | | ScrollLock | | | | | |
| PA6 | GPIO | | | CapsLock | | | | | |
| PA7 | GPIO | | | KB_C7 | | | | | |
| PA8 | GPIO | | LED Driver | | LE | | | | CMP0_I0 |
| PA9 | GPIO | | Key Board | KB_C3 | | | | | CMP0_I1 |
| PA10 | GPIO | | | KB_C4 | | | | | CMP1_I0 |
| PA11 | GPIO | | | KB_C5 | | | | | CMP1_I1 |
| PA12 | GPIO | | | KB_C2 | | | | | CMP2_I0 |
| PA13 | GPIO | | | KB_C1 | | | | | CMP2_I1 |
| PA14 | GPIO | | | KB_C0 | | | | | CMP3_I0 |
| PA15 | GPIO | | | KB_C11 | | | | | CMP3_I1 |
| PB0 | SPI0_NSS | | SPI Flash LED Driver | | | FS_CEN | | | |
| PB1 | SPI0_MISO | | | | | FS_D1 | | | |
| PB2 | SPI0_CLK | | | | | FS_SCK | | | |
| PB3 | SPI0_MOSI | | | | | FS_D0 | | | |
| PB4 | SPI0_D3 | | | | | FS_D3 | | | |
| PB5 | SPI0_D2 | | | | | FS_D2 | | | |
| PB6 | URT2_TX | | ARGB | | | | ARGB_1 | | |
| PB7 | GPIO | | LED Driver | | LED_PW | | | | |
| PB8 | URT4_TX | | Debug UART | | | | PC_UTX | | |
| PB9 | URT4_RX | | | | | | PC_URX | | |
| PB10 | URT1_TX | | ARGB | | | | ARGB_0 | | |
| PB11 | GPIO | | LED Driver | | LED_Y1 | | | | |
| PB12 | GPIO | | | | LED_Y0 | | | | |
| PB13 | GPIO | | | | LED_Y10 | | | | |
| PB14 | GPIO | | Key Board | KB_R0 | | | | | |
| PB15 | GPIO | | | KB_R1 | | | | | |
| PC0 | GPIO | ICKO | | KB_R2 | | | | | |
| PC1 | GPIO | | | KB_R3 | | | | | |
| PC2 | GPIO | | | KB_R4 | | | | | |
| PC3 | GPIO | | | KB_R5 | | | | | |
| PC4 | SWCLK | | SWD | | | | SWCLK | | SWCLK |
| PC5 | SWDIO | | | | | | SWDIO | | SWDIO |
| PC6 | RSTN | | | | | | RSTN | | RSTN |
| PC7 | GPIO | | Key Board | KB_R6 | | | | | |
| PC8 | GPIO | | | KB_R7 | | | | | |
| PC9 | GPIO | | | KB_R8 | | | | | |
| PC10 | GPIO | | | KB_R9 | | | | | |
| PC11 | GPIO | | | KB_R10 | | | | | |
| PC12 | GPIO | | | KB_C8 | | | | | |
| PC13 | GPIO | XIN | | KB_C9 | | | | | XIN |
| PC14 | GPIO | XOUT | | KB_C10 | | | | | XOUT |
| PD0 | GPIO | SPI0_NSS | LED Driver | KB_C6 | | | | FS_CEN | CS# |
| PD1 | GPIO | SPI0_CLK | | | KB_Y2 | | | FS_SCK | SCLK |
| PD2 | GPIO | SPI0_MOSI | | | KB_Y3 | | | FS_D0 | SIO0 |
| PD3 | GPIO | SPI0_D3 | | | KB_Y4 | | | FS_D3 | SIO3 |
| PD4 | DM | | USB | | | | DM | | SIO2 |
| PD5 | DP | | | | | | DP | | SIO1 |
| PD6 | V33 | | | | | | V33 | | |
| PD7 | GPIO | SPI0_MISO | LED Driver | | KB_Y5 | | | FS_D1 | SIO4 |
| PD8 | GPIO | SPI0_D2 | | | KB_Y6 | | | FS_D2 | SIO7 |
| PD9 | GPIO | | | | KB_Y7 | | | | SIO6 |
| PD10 | GPIO | | | | KB_Y8 | | | | SIO5,NSS |
| PD11 | GPIO | | | | KB_Y9 | | | | |