1 2 3 4 MCU A WK UP PAO/TIM2 CH1/TIM2 ETR/TIM5 CH1/TIM8 ETR/TIM15 BKIN/USART2 CTS NSS/UART4 TX/SDMMC2 CMD/SAI2 SD B/ETH MII CRS/ADC INP16/WKUP0 23 KEY0 PA1 PA1/TIM2_CH2/TIM5_CH2/LPTIM3_OUT/TIM15_CH1N/USART2_RTS/UART4_RX/QUADSPI_BK1_IO3/SA12_MCK_B/ETH_MII_RX_CLK/ETH_RMII_REF_CLK/LCD_R2/ADC1_INN16_INP17 GBC_RX 24 PA2/TIM2 CH3/TIM5 CH3/LPTIM4 OUT/TIM15 CH1/USART2 TX/SAI2 SCK B/ETH MDIO/MDIOS MDIO/LCD R1/ADC12 INP14/WKUP1 PA3 PA3/TIM2 CH4/TIM5 CH4/LPTIM5 OUT/TIM15 CH2/USART2 RX/LCD B2/OTG HS ULPI D0/ETH MII COL/LCD B5/ADC12 INP15 DCMI HREF 28 STM DAG PA4 PA4/TIM5_ETR/SPI1_NSS/I2S1_WS/SPI3_NSS/I2S3_WS/USART2_CK/SPI6_NSS/OTG_HS_SOF/DCMI_HSYNC/LCD_VSYNC/ADC12_INP18/DAC1_OUT1 STM ADC PA5 29 PA5/TIM2 CH1/TIM2 ETR/TIM8 CH1N/SPI1 SCK/I2S1 CK/SPI6 SCK/OTG HS ULPI CK/LCD R4/ADC12 INN18 INP19/DAC1 OUT2 DCMI PCLK PA6 30 PA6/TIM1_BKIN/TIM3_CH1/TIM8_BKIN/SPI1_MISO/I2S1_SDI/SPI6_MISO/TIM13_CH1/TIM8_BKIN_COMP12/MDIOS_MDC/TIM1_BKIN_COMP12/DCMI_PIXCLK/LCD_G2/ADC12_INP3 DCML RESET PA7 PA7/TIM1 CH1N/TIM3 CH2/TIM8 CH1N/SPI1 MOSI/I2S1 SDO/SPI6 MOSI/TIM14 CH1/ETH MII RX DV/ETH RMII CRS DV/FMC SDNEW/ADC12 INN3 INP7/OPAMP1 VINM DCML XCLK REMOTE IN PA8 67 PA8/MCO1/TIM1 CH1/HRTIM CHB2/TIM8 BKIN2/I2C3 SCL/USART1 CK/OTG FS SOF/UART7 RX/TIM8 BKIN2 COMP12/LCD B3/LCD R6 USART1 TX PA9 68 PA9/TIM1_CH2/HRTIM_CHC1/LPUART1_TX/I2C3_SMBA/SPI2_SCK/I2C2_CK/USART1_TX/FDCAN1_RXFD_MODE/ETH_TX_ER/DCMI_D0/LCD_R5/OTG_FS_VBUS USART1 RX PA10 69 PA10/TIMI_CH3/HRTIM_CHC2/LPUARTI_RX/USARTI_RX/FDCANI_TXFD_MODE/OTG_FS_ID/MDIOS_MDIO/LCD_B4/DCMI_D1/LCD_B1 PA11 70 HSB DM PA11/TIM1_CH4/HRTIM_CHD1/LPUART1_CTS/SPI2_NSS/I2S2_WS/UART4_RX/USART1_CTS_NSS/FDCAN1_RX/OTG_FS_DM/LCD_R4 USB DP PA12 PAL2/TIML ETR/HRTIM CHD2/LPUARTI RTS/SPI2 SCK/I2S2 CK/UART4 TX/USARTI RTS/SAI2 FS B/FDCAN1 TX/OTG FS DP/LCD R5 ITMS PA13/JTMS_SWDIO PA14 PA14/JTCK-SWCLK KEY1 JTDI PA 15 77 PA15/JTDI/TIM2 CH1/TIM2 ETR/HRTIM FLT1/HDMI CEC/SPI1 NSS/I2S1 WS/SPI3 NSS/I2S3 WS/SPI6 NSS/UART4 RTS/UART7 TX T SCK PB0 34 PB0/TIM1 CH2N/TIM3 CH3/TIM8 CH2N/DFSDM CKOUT/UART4 CTS/LCD R3/OTG HS ULPI D1/ETH MII RXD2/LCD G1/ADC12 INN5 INP9/OPAMP1 VINP/COMP 1 INP T PEN PB1 PB1/TIM1 CH3N/TIM3 CH4/TIM8 CH3N/DFSDM DATIN1/LCD R6/OTG HS ULPI D2/ETH MII RXD3/LCD G0/ADC12 INP5/COMP 1 INM QSPI_BK1_CLK PB2 PB2/SAI1_D1/DFSDM_CKIN1/SAI1_SD_A/SPI3_MOSI/I2S3_SDO/SAI4_SD_A/QUADSPI_CLK/SAI4_D1/ETH_TX_ER/COMP_1_INP/RTC_OUT JTDO 89 T MOS PB3/JTDO/TIM2_CH2/HRTIM_FLT4/SPI1_SCK/I2S1_CK/SPI3_SCK/I2S3_CK/SPI6_SCK/SDMMC2_D2/UART7_RX PB4 90 LEDR JTRS PB4/NJTRST/TIM16 BKIN/TIM3 CH1/HRTIM EEV6/SPI1 MISO/I2S1 SDI/SPI3 MISO/I2S3 SDI/SPI2 NSS/I2S2 WS/SPI6 MISO/SDMMC2 D3/UART7 TX LCD BI PB5 91 PB5/TIM17_BKIN/TIM3_CH2/HRTIM_EEV7/I2C1_SMBA/SP11_MOSI/I2S1_SDO/I2C4_SMBA/SP13_MOSI/I2S3_SDO/SP16_MOSI/FDCAN2_RX/OTG_HS_ULPI_D7/ETH_PPS_OUT/FMC_SDCKE1/DCMI_D10/UART5_RX OSPI BK1 NCS PB6 PB6/TIM16_CH1N/TIM4_CH1/HRTIM_EEV8/I2C1_SCL/HDM1_CEC/I2C4_SCL/USART1_TX/LPUART1_TX/FDCAN2_TX/QUADSPL_BK1_NCS/DFSDM_DATIN5/FMC_SDNE1/DCM1_D5/UART5_TX DCMI VSYNC PB7/TIM17 CH1N/TIM4 CH2/HRTIM EEV9/I2C1 SDA/I2C4 SDA/USART1 RX/LPUART1 RX/FDCAN2 TXFD MODE/DFSDM CKIN5/FMC NL/DCMI VSYNC/PVD IN PB8 DCMI D6 PB8/TIM16 CH1/TIM4 CH3/DFSDM CKIN7/I2C1 SCL/I2C4 SCL/SDMMC1 CKIN/UART4 RX/FDCAN1 RX/SDMMC2 D4/ETH MII TXD3/SDMMC1 D4/DCMI D6/LCD B6 DCMI D7 PB9 96 PB9/TIM17_CH1/TIM4_CH4/DFSDM_DATIN7/I2C1_SDA/SPI2_NSS/I2S2_WS/I2C4_SDA/SDMMC1_CDIR/UART4_TX/FDCAN1_TX/SDMMC2_D5/I2C4_SMBA/SDMMC1_D5/DCMI_D7/LCD_B7 DCML SCI IIC SCL PB10 46 PB10/TIM2 CH3/HRTIM SCOUT/LPTIM2 IN1/I2C2 SCL/SPI2 SCK/I2S2 CK/DFSDM DATIN7/USART3 TX/OUADSPI BK1 NCS/OTG HS ULPI D3/ETH MII RX ER/LCD G4 DCMI SDA IIC SDA PB11 47 PB11/TIM2_CH4/HRTIM_SCIN/LPTIM2_ETR/I2C2_SDA/DFSDM_CKIN7/USART3_RX/OTG_HS_ULPI_D4/ETH_MII_TX_EN/ETH_RMII_TX_EN/LCD_G5 SPI2 CS PB12/TIM1_BKIN/I2C2_SMBA/SP12_NSS/I2S2_WS/DFSDM_DATIN1/USART3_CK/FDCAN2_RX/OTG_HS_ULPI_D5/ETH_MII_TXD0/ETH_RMII_TXD0/OTG_HS_ID/TIM1_BKIN_COMP12/UART5_RX PB13 52 PB13/TIM1 CHIN/LPTIM2 OUT/SP12 SCK/2S2 CK/DFSDM CKIN1/USART3 CTS NSS/FDCAN2 TX/OTG HS ULPI D6/ETH MII TXD1/ETH RMII TXD1/UART5 TX/OTG HS VBUS PB14 53 SPI2 MISO PB14/TIM1_CH2N/TIM12_CH1/TIM8_CH2N/USART1_TX/SPI2_MISO/I2S2_SDI/DFSDM_DATIN2/USART3_RTS/UART4_RTS/SDMMC2_D0/OTRG_HS_DM SPI2 MOSI PB15 54 PB15/RTC REFIN/TIM1 CH3N/TIM12 CH2/TIM8 CH3N/USART1 RX/SPI2 MOSI/I2S2 SDO/DFSDM CKIN2/UART4 CTS/SDMMC2 D1/OTG HS DP NRF_CE PC0 PC0/DFSDM_CKIN0/DFSDM_DATIN4/SAI2_FS_B/OTG_HS_ULPI_STP/FMC_SDNEW/LCD_R5/ADC123_INP10 LIGHT SENSOR PC1 PCI/SAII DI/DFSDM DATINO/DFSDM CKIN4/SPI2 MOSI/I2S2 SDO/SAII SD A/SAI4 SD A/SDMMC2 CK/SAI4 DI/ETH MDC/MDIOS MDC/ADC123 INN10 INP11/WKUP5 PC2 17 PC2/DFSDM_CKIN1/SPI2_MISO/I2S2_SDI/DFSDM_CKOUT/OTG_HS_ULPI_DIR/ETH_MII_TXD2/FMC_SDNE0/ADC123_INN11_INP12 NRF IRO GBC LED PC3 18 PC3/DFSDM DATIN1/SPI2 MOSI/I2S2 SDO/OTG HS ULPI NXT/ETH MII TX CLK/FMC SDCKE0/ADC12 INN12 INP13 DCMI_PWDN PC4 32 PC4/DFSDM CKIN2/I2S1 MCK/SPDIFRX IN2/ETH MII RXD0/ETH RMII RXD0/FMC SDNE0/ADC12 INP4/OPAMP1 VOUT/COMP 1 INM T_CS PC5 33 PC5/SAI1_D3/DFSDM_DATIN2/SPDIFRX_IN3/SAI4_D3/ETH_MII_RXD1/ETH_RMII_RXD1/FMC_SDCKE0/COMP_1_OUT/ADC12_INN4_INP8/OPAMP1_VINM DCMI D0 63 PC6/HRTIM CHa1/TIM3 CH1/TIM8 CH1/DFSDM CKIN3/I2S2 MCK/USART6 TX/SDMMC1 D0DIR/FMC NWAIT/SDMMC2 D6/SDMMC1 D6/DCMI D0/LCD HSYNC/SWPMI IO DCMI D1 64 PC7/TRGIO/HRTIM_CHA2/TIM3_CH2/TIM8_CH2/DFSDM_DATIN3/I2S3_MCK/USART6_RX/SDMMC1_D123DIR/FMC_NE1/SDMMC2_D7/SWPMI_TX/SDMMC1_D1/JCD_G6 DCML D2 SD1 D0 PC8 65 PC8/HRTIM_CHB1/TIM3_CH3/TIM8_CH3/USART6_CK/UART5_RTS/FMC_NE2/FMC_NCE/SWPMI_RX/SDMMC1_D0/DCMI_D2 PC9 66 DCMI D3 SD1 D1 PC9/MCO2/TIM3 CH4/TIM8 CH4/I2C3 SDA/I2S CKIN/UART5 CTS/QUADSPI BKI IO0/LCD G3/SWPMI SUSPEND/SDMMC1 D1/DCMI D3/LCD B2 SD1 D2 PC10 78 PC10/HRTIM_EEV1/DFSDM_CKIN5/SP13_SCK/I2S3_CK/USAR13_TX/UART4_TX/QUADSPI_BK1_IO1/SDMMC1_D2/DCMI_D8/LCD_R2 DCMI D4 PC11 79 SD1_D3 PC11/HRTIM FLT2/DFSDM DATIN5/SPI3 MISO/I2S3 SDI/USART3 RX/UART4 RX/QUADSPI BK2 NCS/SDMMC1 D3/DCMI D4 SD1 CLK PC12/HRTIM EEV2/SPI3 MOSI/I2S3 SDO/USART3 CK/UART5 TX/SDMMC1 CK/DCMI D9 1WIRE_DQ PC13 PC13/RTC_TAMP_1/RTC_TS/WKUP2 STM32H750VBT6

| Title: | MiniPRO STM32H750 Board | Author: | ATOM | A4 | Date: | File: | 2022/6/17 | CORE_PIN_ABC.SchDoc | CORE_PIN_C

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