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## **Revision History**

Rev	Date	Description
V01	02/14/2020	- New design.
V02	05/11/2020	- modify IO-axpander assignment add leds and rocker switch add wake up key.
V03	06/16/2020	- modify SPST silkscreen add resistor bridge to VBUS detection add 33R resistor to NRST_4A0#.

DCIN LDO COIN BATT USBHS/USBFS USB3300

CAN x2 LIN

KEYS, LEDS

HDSC-DAP

JTAG/SWD TRACE

XTAL 8MHz 32.768KHz

SRAM SDRAM NAND

LCD I/F

HC32F4A0 LQFP176

240MHz 512KB SRAM 2MB FLASH

SPI I/F

USART I/F

ADC, DAC POTENTIOMETER

TF CARD

QSPI FLASH

CAMERA I/F

AUDIO CODEC MIC HP SPK

ETHER PHY RJ45

I2C **EEPROM** 

**Huada Semiconductor Co., Ltd** 

MCU Business Unit Chengdu

**HDSC** 

Rev

V03

HC32F4A0

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