

UK
ESP32-DevKitC-S

30-pin header pins (left):

- 1: KEY1
- 2: AOC_INT
- 3: SDR_TX
- 4: RXD
- 5: PCU0
- 6: PMA
- 7: NDS2
- 8: LED
- 9: BLU2SR
- 10: TX_CTLN
- 11: TSD
- 12: PMA3
- 13: PMA4
- 14: PMA5
- 15: PMA6
- 16: PMA7
- 17: PMA8
- 18: PMA9
- 19: PMA10
- 20: PMA11
- 21: PMA12

ESP32-DevKitC-S pins (center):

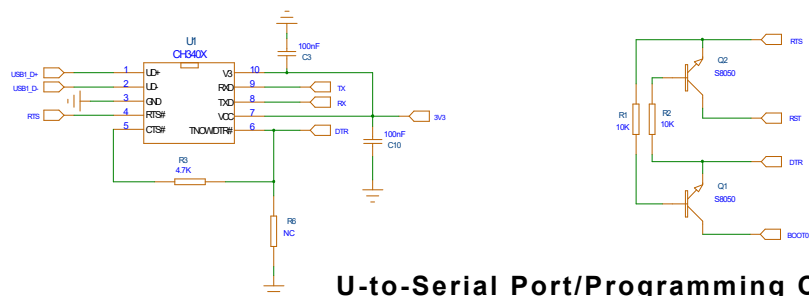
- 1: 3V3
- 2: GND
- 3: EN
- 4: SENSOR_VP10C39AD
- 5: SENSOR_VP10C39AD
- 6: I353A7
- 7: I353A7
- 8: I353A7
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- 10: I353A7
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- 24: I353A7
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- 27: I353A7
- 28: I353A7
- 29: I353A7
- 30: I353A7

Other components (right):

- QD
- I2C2
- I2C3
- I2C4
- I2C5
- I2C6
- I2C7
- I2C8
- I2C9
- I2C10
- I2C11
- I2C12
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- I2C91
- I2C92
- I2C93
- I2C94
- I2C95
- I2C96
- I2C97
- I2C98
- I2C99
- I2C100

Connections:

- KEY1 to FLASH_Q1
- AOC_INT to FLASH_Q1
- SDR_TX to TX
- RXD to RX
- PCU0 to FLASH_Q3
- PMA to SENSOR0
- NDS2 to SENSOR1
- LED to SENSOR2
- BLU2SR to SCA
- TX_CTLN to SD
- TSD to SENSOR3
- PMA3 to PMA1
- PMA4 to PMA2
- PMA5 to PMA3
- PMA6 to PMA4
- PMA7 to PMA5
- PMA8 to PMA6
- PMA9 to PMA7
- PMA10 to PMA8
- PMA11 to PMA9
- PMA12 to PMA10



Debug/Programming Port Circuit

COMPANY:	Huaner Technology Co. LTD		
TITLE:	STM Core Module		
22			
	CODE:	SIZE:	DRAWING NO.:
		C	STM32_Core Module
			REV.:
			V1.0
	SCALE:		SHEET 1 OF 1