H7 MCU I/O UIA UIB BATT\_VOLTAGE\_SENS
BATT\_CURRENT\_SENS
BATT\_VOLTAGE\_SENS
BATT\_VOLTAGE\_SENS
BATT\_VOLTAGE\_SENS
BATT\_VOLTAGE\_SENS UART4\_RX UART4\_TX SDMMC1\_CMI VDD\_VBUS\_VALID VDD\_BRICK\_VALID VDD\_BRICK\_VALID VDD\_BRICK2\_VALID VDD\_BRICK2\_VALID PD1 HART4 TX VDD BRICK VALID CORRENT SENS OF THE SENS OF TH N3 PA2
U2 PA3
U3 PA4
T3 PA6
R5 PA7
E15 PA8
D15 PA9
D14 PA10
E17 PA11
E16 PA12
C15 B14
A14 PA15 PI2\_SCR BATT2 VOLTAGE SENS PA2 PD2 VDD BRICK2 VALID VER DRICK2 VALID
VER DRIVE
nVDD 5V PERIPH EN
VDD 5V RC EN
SPII CS3 ICM20689
VDD 3V3 SD CARD EI
USART6 RTS PG2 B12 A12 USART2 CTS USART2 RTS PD3 JSART2 CTS PI2 MOSI PD4 A12 PD5 B11 PD6 C11 PD7 U16 PD8 T17 PD9 T16 PD11 R15 PD12 R16 PD13 R17 PD13 P16 PD15 PD15 USART2 RTS nVDD 5V PERIPH EN PG4 PI5 FXT1 CS1 PD4 G14 G15 F16 F15 USART2\_TX USART2\_RX USART2\_TX USART2\_RX VDD\_5V\_RC\_E SPI1\_CS3\_ICM2068 PG5 PG6 I\_LED\_RED\_PWM I\_LED\_GREEN\_PWM VDD\_3V3\_SD\_CARD\_E USART6\_RT PG7 PG8 SPI1\_MOSI PI6 CS2 MS5611 A10 A9 PG9 PG10 SPI1 SCK SPI6 MISO SPI6 SCK USART6\_TX USART6\_CTS SPI6 CTS PI5 FXT1 CS2 SPI4 CS3 MS5611 C nVDD\_5V\_HIPOWER\_EN nVDD\_5V\_HIPOWER\_EN OTG\_HS\_ULPI\_DIR SPI6\_CS1\_ICM20649 PG11 FMU\_PWM5 FMU\_PWM6 FMU\_PWM7 PG12 FMU\_PWM6 DRDY7\_BMI088\_ACC2 PG14 SPI4\_CS4\_42688P SPI4\_CS PA15 FMU\_PWM8 UARTS RX SERVO\_VCC\_ADC
SDMMC1\_CARD\_DETECT
SDMMC1\_CARD\_DETECT U5 T5 R6 C6 B7 A5 B5 C5 D5 D4 P11 P12 T14 PB0 PB1 PE0 PE1 CHARTS BY GPIO\_CAN1\_SILENT GPIO\_CAN2\_SILENT GPIO\_CAN2\_SILENT SPI4\_SCK VDD\_3V3\_SENSORS\_EN N2 P2 PB2 PB3 PE2 PE3 PH3 PPM\_IN DOTG HS\_ULPI\_D

ART1\_TX USARTI\_TX OTG HS\_ULPI NXT DRDY2\_20649 FMU\_CAP5 DRDY8\_RM3100 P3 P4 T11 DRDY8\_RM3100 ALARM PB4 PB5 PE4 PE5 PH4 ALARM SPI4\_MOSI USART1\_TX USART1 RX USART1 RX USART1 RX UC1\_SCL\_GPS1 I2C1 SCL\_GPS1 I2C1 SDA GPS1 USART1 RX IZC1 SDA GPS1 IZC1 SDA GPS1 USART1 IZC1 SDA GPS1 IZ PB6 PB7 PE6 PE7 SPI4\_MOSI DRDY1\_ADI16470 FMU\_CAPS T11 U13 T13 R13 P13 P14 R14 PH6 PH7 DRDY1 ADII6470 UART7 TX FMU\_CAPI SAFETY\_SW FMU\_CAP2 FMU\_LED\_AMBER I2C3 SCL EXTERNAL3 I2C3 SDA EXTERNAL3 FMU\_CAP6 PB8 PB9 UART7\_TX FMU\_CAP1 I2C3\_SDA\_EXTERNALS I2C1 SDA GPS1 OTG\_HS\_ULPI\_D3 OTG\_HS\_ULPI\_D4 CAN2\_RX PH9 FMU\_PWM1 FMU\_PWM2 FMU\_PWM3 PB11 FMU\_CAP2 FMU\_LED\_AMBER FMU PWM2 PH11 CAN2\_RX CAN2\_RX CAN2\_TX CAN2\_TX DRDY3\_BMI088\_GYRO1 DRDY4\_RMI088\_GYRO1 DRDY4\_RMI088\_ACCL PB12 FMU\_PWM3 PH12 U14 U15 T15 D16 B17 B16 CANI\_TX REV\_DRIV SPI4\_MISO FMU\_SPARE\_4 SPI4\_MISO FMU\_SPARE PR13 PH13 DRDY4\_BMI088\_ACC1 SPI6 CS1 ICM2068 PB15 SPI6\_CS1\_ICM20689 PH15 SCALED\_V3V3 SCALED\_V3V3
HW\_VER\_SENSE T1 T2 I2C2\_SCL\_UART4 SPI2\_CS2\_RM3100 I2C2\_SCL\_UART4 SPI2\_CS2\_RM3100 PC1 PC2 PA1\_C R1 R2 M4 T4 HW\_REV\_SENSE SPARE1\_ADC1 SPI4 CS1 BMI088 A SPI4 CS2 BMI088 G SPI2\_CS2\_RM3100 SPI4\_CS1\_BMI088\_A SPI4\_CS2\_BMI088\_G SPI2\_CS1\_FRAM UART7\_RX PC3 PC4 PF3 PF4 SPARE1\_ADC1 SPARE1\_ADC1
VDD\_5V\_SENS CDIO\_aLED\_BE PF4 J4
PF5 K2
PF6 K3
PF7 K4
PF9 L4
PF10 T7
PF11 R7
PF11 R7
PF13 P8
PF14 R9
PF15 A8 C7 D7 SPI2\_CS1\_FRAM UART7\_RX SPI5\_SCK PK5 PK6 C1 12PF/50V/5% GPIO nLED RE PH0 J2 PH1 J1 PH0-OSCIN SPI5 MISO SDMMC1 D0 PH1-OSCOUT SPI5 MISO SPI5 MOSI SPI1\_CS1\_ADI16470 BATT2\_CURRENT\_SENS SDMMC1\_D SDMMC1\_D SPI5\_MOSI NC: SPI1 CS1 ADI16470 NC. RESET# K1 SDMMC1 NRST M16 M17 K16 K17 RSSI IN ADCI X1 SDMMC1 CK NC NC ⟨ RSSI\_IN ADC1 Q22FA12800400 BOOT0 E8 DRDY6\_BMI088\_GYRO2 воото 100NF R4 220R 
 I2C4 SCL EXTERNAL2

 I2C4 SDA EXTERNAL2

 I2C4 SDA EXTERNAL2

I2C4 SCL EXTERNAL2 PC14-OSC32 IN NC. - C2 8PF E7 PC15-OSC32\_IN PDR\_ON 10K STM32H743XIH6 STM32H743XIH6 ⋈ C3 12PF/50V/5% 10K VDD\_MCU C4 8PF ... [N/A] RESET#>>-× B4 3 VDD\_MCU 更件版本和ID × A1 A2 HW REV and VER VDD\_MCU EVQ-P7J01P R69 62K M2 М3 HW VER SEN MARK MARK MARK R71 R72 100K 10K VER\_DRIVE X7+CORE RC04 X7+ CORE CUAV REV DRIVE PROJECTREVISION: RC04 H7 MCU I/O SIZE IFILE NAME 01\_MCU.SchDoc SHEET 1 OF 9 Date: 2021/12/18 10:48:38 4

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