Power Supply STM32 PCB Test VBUS RED PWR_LED_K AMS1117-3.3 R1 1K5 User 10 22u 22u +3.3V GND FB1 +3.3VA PWR_FLAG 120R +3.3V +3.3V USER_IO_2 Conn_01x05_Female USER_IO_3 C6 C7 100n 100n 100n 10n 100n 10n GND SW_SPDT JTAG_RST \rightarrow GND GND GND BOOT0 100n воото 10k HSE_IN 5 PDO HSE_OUT 6 PD1 \uparrow GND GND USER_LED 2 PC13 ×3 PC14 ×4 PC15 ı 16MHz Mounting Holes USB 18 PB0 13 19 PB1 0p 20 PB2 39 PB3 40 PB4 41 PB5 USART1_TX42 PB6 PA0 10 USER_IO_1 PA1 11 USER_IO_2 O H1 MountingHole C12 10p PA1 PWR_FLAG VBUS O H2 MountingHole PA2 PA3 +3.3V MountingHole PA4 ⊨vBus PA5 \Rightarrow MountingHole PA6 USART1_RX43 PB7 GND USER_10_3 PA7 B5 R3 ±5 PB8 PA8 12C2_SCL 21 PB10 12C2_SDA 22 PB11 1K5 PA9 PA10 UART & 12C USB_D+ В7 PA11 A6 25 PB11 25 PB12 26 PB13 27 PB14 28 PB15 USB_D+ PA12 33 В6 SWD SWDIO PA13 34 +3.3V SWCLK PA14 +3.3V PA15 38 R4 5K1 × B8 SBU1 SBU2 SHIEL 2 USART1_TX STM32F103C8T6 PWR_FLAG 3 USART1_RX USB C Connector J3 Conn_01x04_Male -JTAG_RST10 RESET GND +3.3٧ SWDCLK/TCK SWDIO/TMS SOMO TOO SOM SWCLK GND +3.3V User Led R6 1K5 1K5 D2 I2C2_SCL 1K5 I2C2_SDA M 0 SWD_10 Conn_01x04_Male GND

GND