STM32 Project Microcontroller (USB, TempSens, LCD) FB1 120R +3.3VA +3.3V +3.3V PWR_FLAG 100nF per VDD pin Power Supply D1 RED VBUS +3.3V U3 С4 C5 С6 С3 **C**7 100nF AMS1117-3.3 10uF 10nF 100nF 1uF VDDA Filtering NRST EA_DOGS104B-A 1k5 C1 22uF PA1 GND GND C10 P IM1 воото PA2 100nF PA3 PA4 SCLK HSE_OUT 6 PD1 C13 \rightarrow PA5 1uF GND GND PA6 VBUS from USB (initially 5V), with min 22uF capacitors ×2 ×3 ×4 PC14 PC15 SA0 PA7 PAB 29 PA9 30 PA10 31 PA11 32 USB_D-**VBUS** PA11 PA12 33 USB_D+ USB_B_Micro 16MHz PA12 34 SWDIO PA14 37 SWCLK GND **Mounting Holes** PA15 38 O H1 MountingHole USART1_TX 42 H2 MountingHole 45 46 12C2_SCL 21 C11 10pF Conn_01x04_Pin H3 MountingHole 10pF PB10 12C2_SD&2 PB11 MountingHole 25 PB12 26 PB13 27 PB14 28 PB15 GND +3.3V Conn_01x04_Pin U1 U2 DHT11 STM32F103C8Tx +3.3V GND R3 R GND Conn_01x04_Pin Remy Robinson Sheet: /

File: STM32 Project.kicad_sch Title: STM32 PCB Size: A4

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