

A

B

C

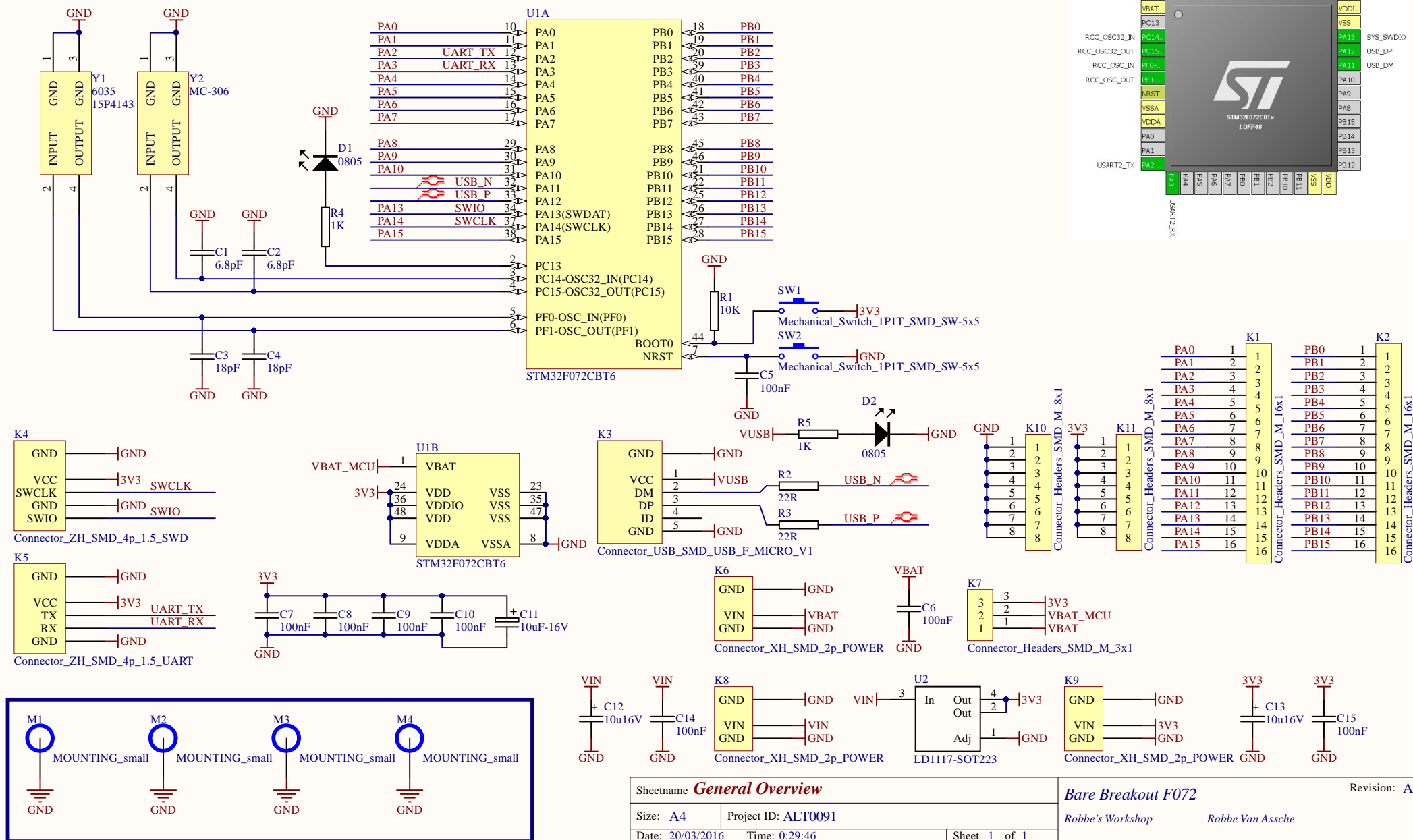
D

A

B

C

D

Sheetname **General Overview**

Bare Breakout F072

Revision: A

Size: A4 Project ID: ALT0091

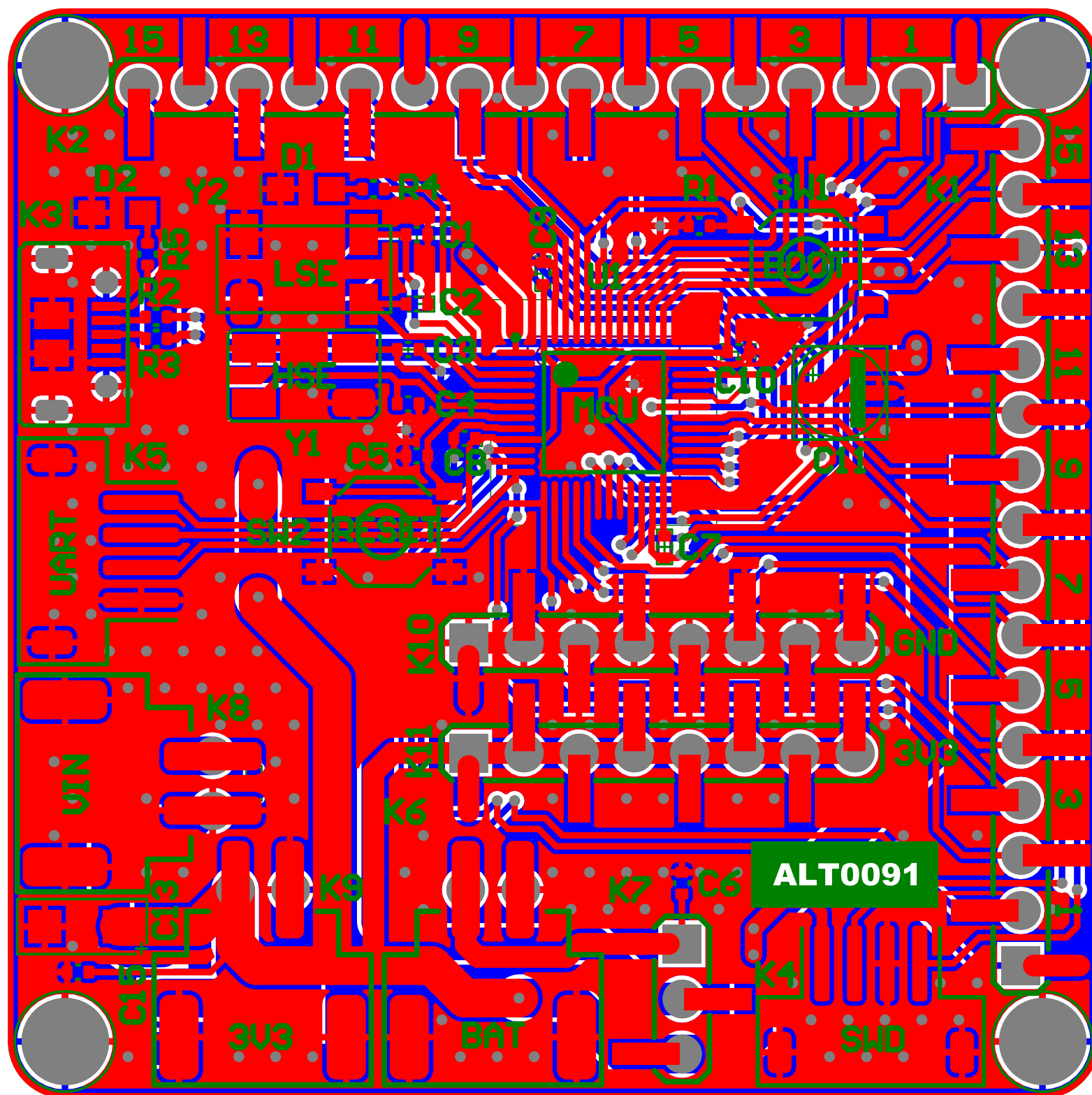
Robbe's Workshop

Robbe Van Assche

Date: 20/03/2016 Time: 0:29:46

Sheet 1 of 1

File: D:\Github\Altium\ALT0091 - Bare Breakout F072 REV A\General Overview.SchDoc



| Comment | Description | Designator | Footprint | LibRef | Quantity |
|---------------------------------------|--|--------------------------------------|--------------------------------|---|----------|
| 6.8pF | CAPACITOR 0402 CERAMIC | C1, C2 | C0402 | Passives_Capacitors_ 0402_TBD | 2 |
| 18pF | CAPACITOR 0402 CERAMIC | C3, C4 | C0402 | Passives_Capacitors_ 0402_TBD | 2 |
| 100nF | CAPACITOR 0402 CERAMIC | C5, C6, C7, C8, C9, C10, C14, C15 | C0402 | Passives_Capacitors_ 0402_TBD | 8 |
| 10uF-16V | GENERIC CAPACITOR POLARISED | C11 | PANACAP-b | Passives_Capacitors_ Elco_SMD_PANACAP- 10UF-16V-FK | 1 |
| 10u16V | | C12, C13 | 1206C+_TANTAL- 10u16V | Passives_Capacitors_ Tantalum_1206C- TANTAL SIZE A- 10u16V | 2 |
| 0805 | | D1, D2 | 0805LED | LED_SMD_0805 | 2 |
| Connector_Headers_ SMD_M_16x1 | SMD Header 16x1 | K1, K2 | Header_Male_2.54 16x1_COMBO | Connector_Headers_ SMD_M_16x1 | 2 |
| Connector_USB_SM D_USB_F_MICRO_V1 | MICRO USB B FEMALE | K3 | USB_F_Micro_V1 | Connector_USB_SM D_USB_F_MICRO_V1 | 1 |
| Connector_ZH_SMD_ 4p_1.5_SW_D | | K4 | ZH_SMD_4p_1.5 | Connector_ZH_SMD_ 4p_1.5_SW_D | 1 |
| Connector_ZH_SMD_ 4p_1.5_UART | | K5 | ZH_SMD_4p_1.5 | Connector_ZH_SMD_ 4p_1.5_UART | 1 |
| Connector_XH_SMD_ 2p_POWER | | K6, K8, K9 | 2.54_2p_THT+SMD | Connector_XH_SMD_ 2p_POWER | 3 |
| Connector_Headers_ SMD_M_3x1 | SMD Header 3x1 | K7 | Header_Male_2.54 3x1_COMBO | Connector_Headers_ SMD_M_3x1 | 1 |
| Connector_Headers_ SMD_M_8x1 | SMD Header 8x1 | K10, K11 | Header_Male_2.54 8x1_COMBO | Connector_Headers_ SMD_M_8x1 | 2 |
| MOUNTING_small | MOUNTING HOLE - NON INSTALLABLE | M1, M2, M3, M4 | MOUNTING M3 small | MOUNTING_small | 4 |
| 10K | RESISTOR 0402 VALUE TO BE DETERMINED | R1 | R0402 | Passives_Resistors_0 402_TBD | 1 |
| 22R | RESISTOR 0402 VALUE TO BE DETERMINED | R2, R3 | R0402 | Passives_Resistors_0 402_TBD | 2 |
| 1K | RESISTOR 0402 VALUE TO BE DETERMINED | R4, R5 | R0402 | Passives_Resistors_0 402_TBD | 2 |
| Mechanical_Switch_1 P1T_SMD_SW-5x5 | Switch 5x5 | SW1, SW2 | 1P1T_SW_5x5 | Mechanical_Switch_1 P1T_SMD_SW-5x5 | 2 |
| STM32F072CBT6 | | U1 | STM-LQFP48_N | Microcontrollers_ST_ ARM_STM32F0_STM 32F072CBT6 | 1 |
| LD1117-SOT223 | | U2 | SOT223 | LD1117-SOT223 | 1 |
| 6035 | | Y1 | XTAL 6035 | 6035 Quartz | 1 |
| MC-306 | | Y2 | XTAL MC-306 | 32k Quartz | 1 |
| | | | | | |