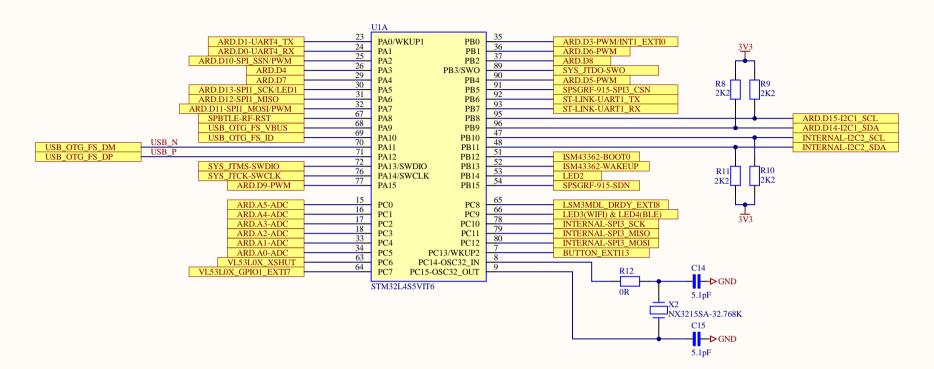


MB1297 Si

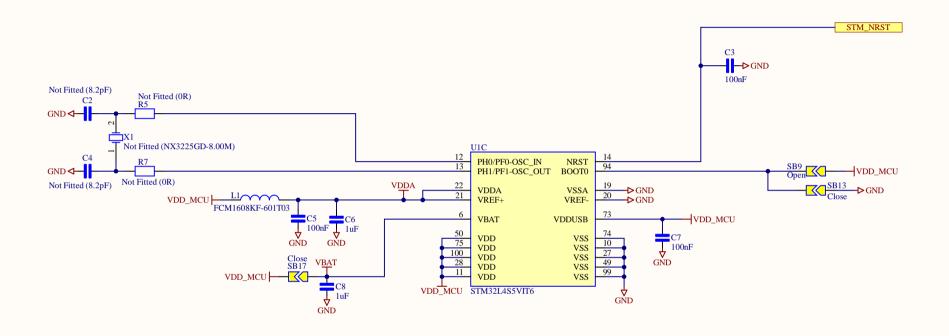
•	Title. 101 N	Title. 101 Node Discovery Kit		
	Project:			
	Size: A4	Reference: MB1297	Revision: E-02	
	Date: 26-Mar-20		Sheet: 1 of 11	

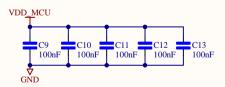




PMOD-RESET PMOD-SPI2_SCK PMOD-IRQ_EXTI2 PMOD-UART2_CTS/SPI2_MISO PMOD-UART2_RTS/SPI2_MOSI PMOD-UART2_TX/SPI2_CSN PMOD-UART2_TX/SPI2_CSN INTERNAL-UART3_TX INTERNAL-UART3_TX LPS22HB_INT_DRDY_EXTII0 LSM6DSL_INTI_EXTII1 USB_OTG_FS_PWR_EN SPBTLE-RF-SPI3_CSN ARD.D2-INTO_EXTII4 HTS221_DRDY_EXTII5	81 82 83 84 85 86 87 88 55 56 57 58 59 60 61 62	PD0 PD1 PD2 PD3 PD4 PD5 PD6 PD7 PD8 PD9 PD1 PD1 PD11 PD11 PD12 PD13 PD14 PD15	PE0 PE1 PE2 PE3 PE4 PE5 PE6 PE7 PE8 PE9 PE10 PE11 PE12 PE13 PE14 PE15	97 98 1 2 3 4 5 38 39 40 41 42 43 44 45 46	ISM43362-SPI3_CSN ISM43362-DRDY_EXTII ST25DV04K-RF_DISABLE USB_OTG_FS_OVRCR_EXTI3 ST25DV04K-GPO SPSGRF-915-GPI03_EXTI5 SPBTLE-RF-IRQ_EXTI6 DFSDM1_DATIN2 ISM43362-RST DFSDM1_CKOUT QUADSPI_CLK QUADSPI_NCS QUADSPI_NCS QUADSPI_BK1_IO0 QUADSPI_BK1_IO1 QUADSPI_BK1_IO1 QUADSPI_BK1_IO2 QUADSPI_BK1_IO2 QUADSPI_BK1_IO3	
STM32L4S5VIT6						

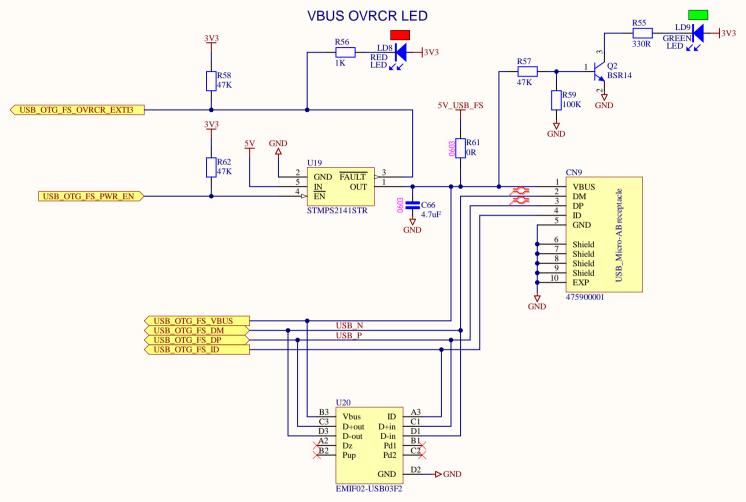
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Project:			
Size: A4	Reference: MB1297	Revision: E-02	
Date: 26-Mar-20		Sheet: 2 of 11	life.augmente





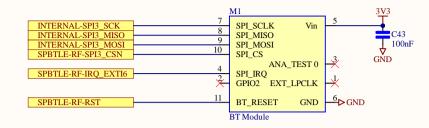
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Size: A4 Reference: MB1297 Revision: E-02			
Date: 26-Mar-20		Sheet: 3 of 11	life.augmente

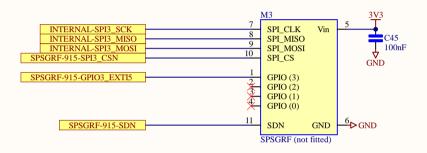
VBUS OK LED

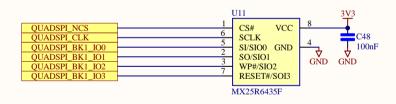


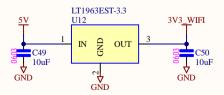
ESD PROTECTION SHOULD BE CLOSE TO THE CONNECTOR

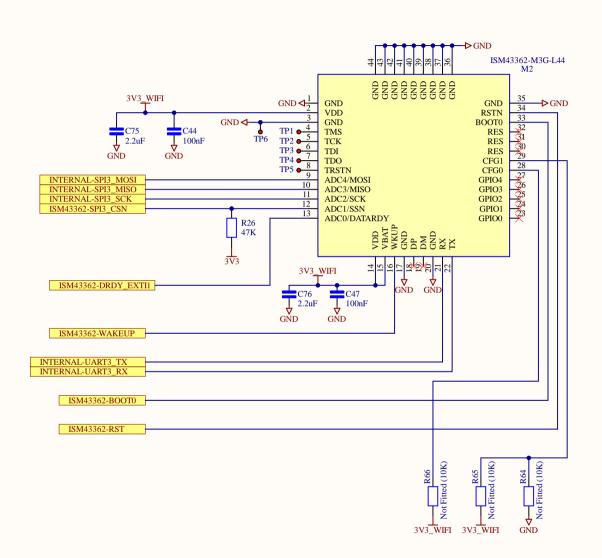
Title: USB_			
Project:			
Size: A4 Reference: MB1297 Revision: E-02		Revision: E-02	
Date: 26-Mar-20		Sheet: 4 of 11	life.augmented



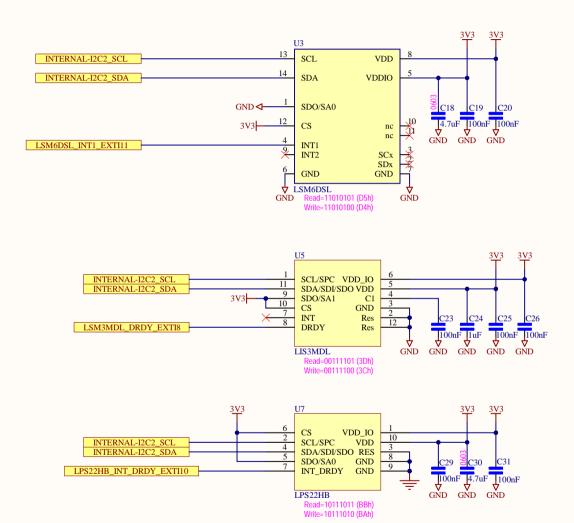


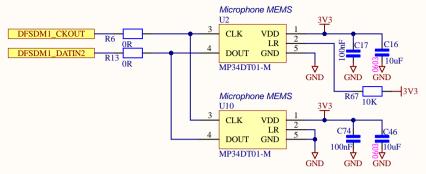


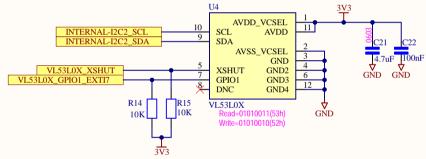


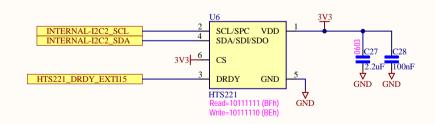


Title: RFM			
Project:			
Size: A4	Reference: MB1297	Revision: E-02	
Date: 26-Mar-20		Sheet: 5 of 11	life.augmented

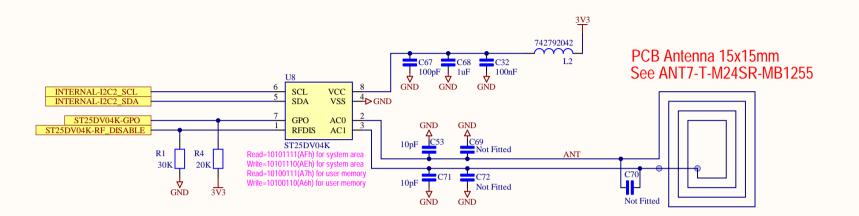


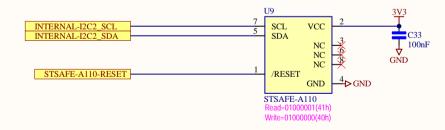




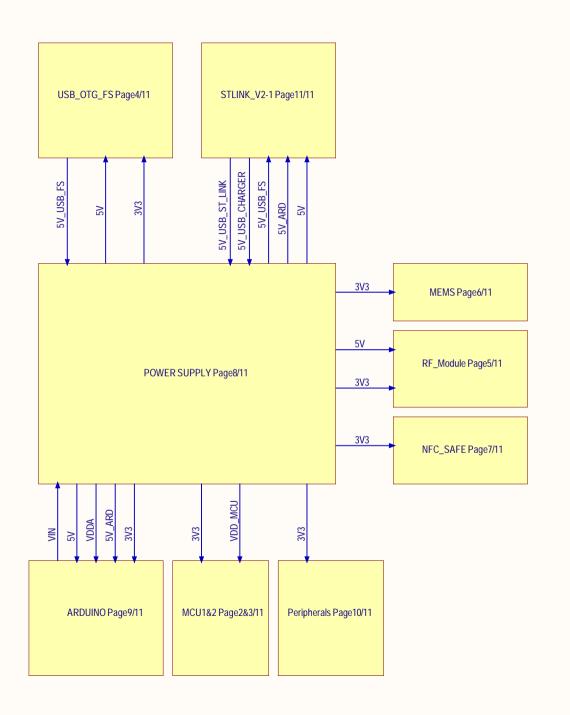


Title: MEM	Title: MEMS Sensors		
Project:			
Size: A4	Reference: MB1297	Revision: E-02	
Date: 26-Mar-20		Sheet: 6 of 11	life.augmented

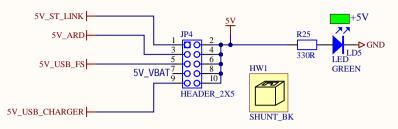


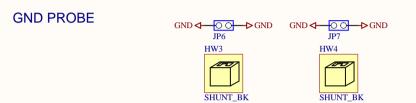


Γitle: NFC &			
Project:			
Size: A4	Reference: MB1297	Revision: E-02	
Date: 27-Mar-20		Sheet: 7 of 11	life.augmented



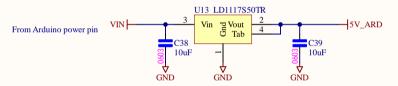
5V PWR SELECTION FROM EXTERNAL SOURCES

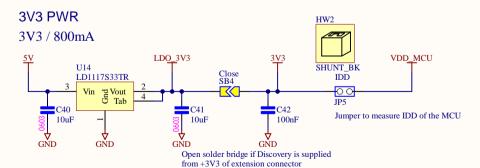




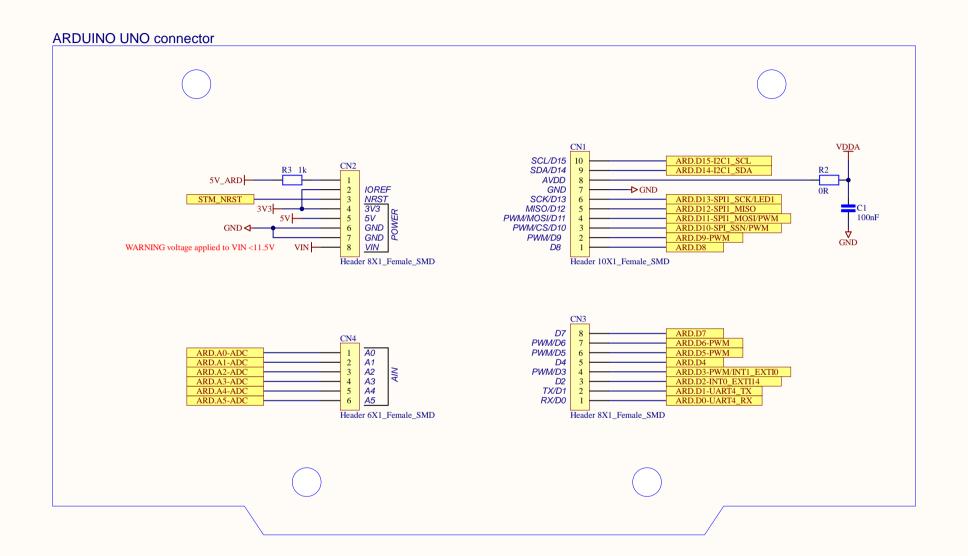
5V INPUT PWR FROM ARDUINO

5V / 800mA



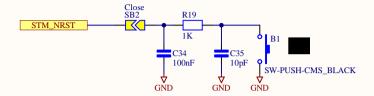


Title: POW	ER SUPPLY		
Project:			
Size: A4	Reference: MB1297	Revision: E-02	
Date: 26-Ma	r-20	Sheet: 8 of 11	life.augmer

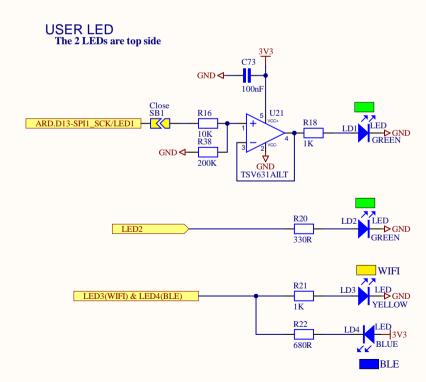


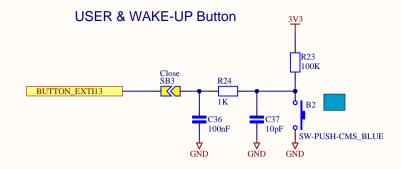
Title: Ardui	Title: Arduino Uno connector		
Project:			
Size: A4	Reference: MB1297	Revision: E-02	
Date: 26-Mar-20		Sheet: 9 of 11	life.augmented

RESET BUTTON

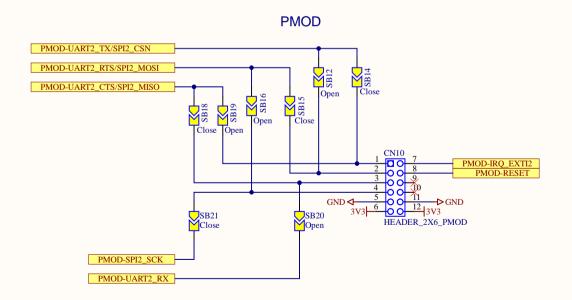


100nF should be place close to the MCU 10pF and 1K should be place close to the button





100nF should be place close to the MCU 10pF and 1K should be place close to the button



Title: Periph					
Project:					
Size: A4	Reference: MB1297	Revision: E-02			
Date: 26-Ma	r-20	Sheet: 10 of 11	life.augmented		

