


Cuvex1.0-230109PCB1

VH1.0

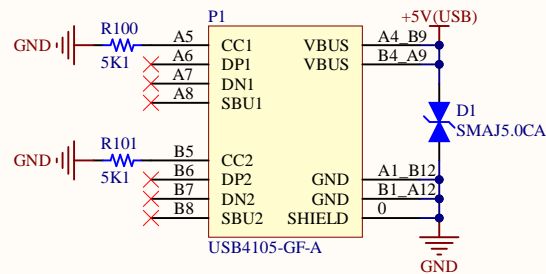
01/08/2024

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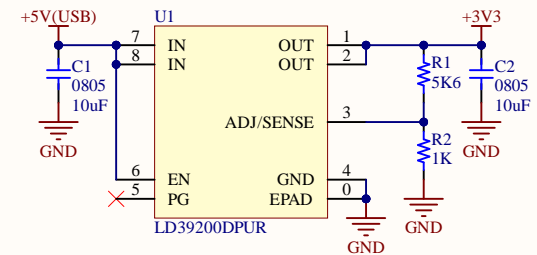


Title <i>Cuvex1.0-230109PCB1</i>			<i>SEMILLA3 OÜ</i> <i>Seebi tn 1-1501, Tallinn 11316, Estonia.</i> <i>Registry No.: 16636757</i> <i>VAT No. EE102568505</i>	
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File: SML-230109PCB1 COVER.SchDoc				

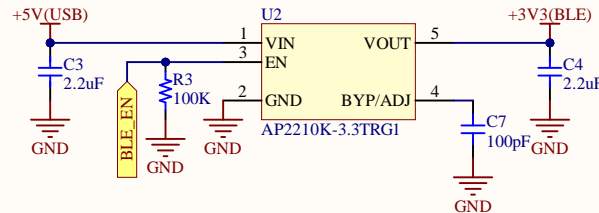
USB-C



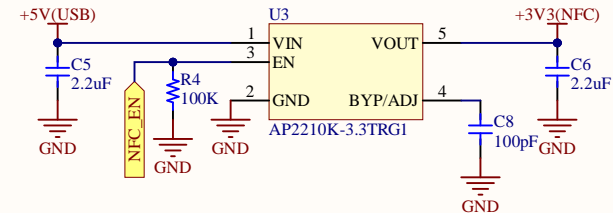
LDO 1 - 5V(USB) to 3V3@2A




LDO 2 - 5V(USB) to 3V3@300mA



LDO 3 - 5V(USB) to 3V3@300mA

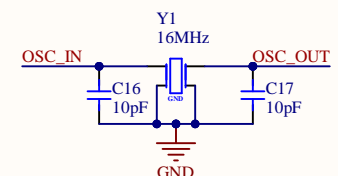
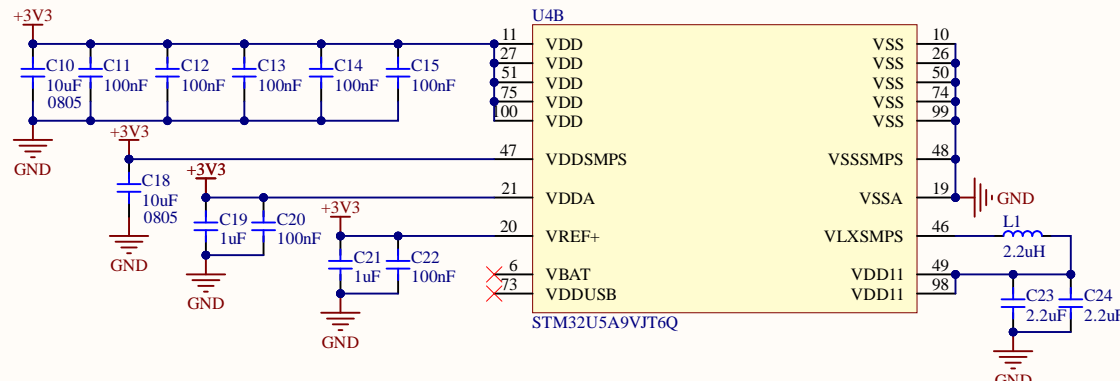
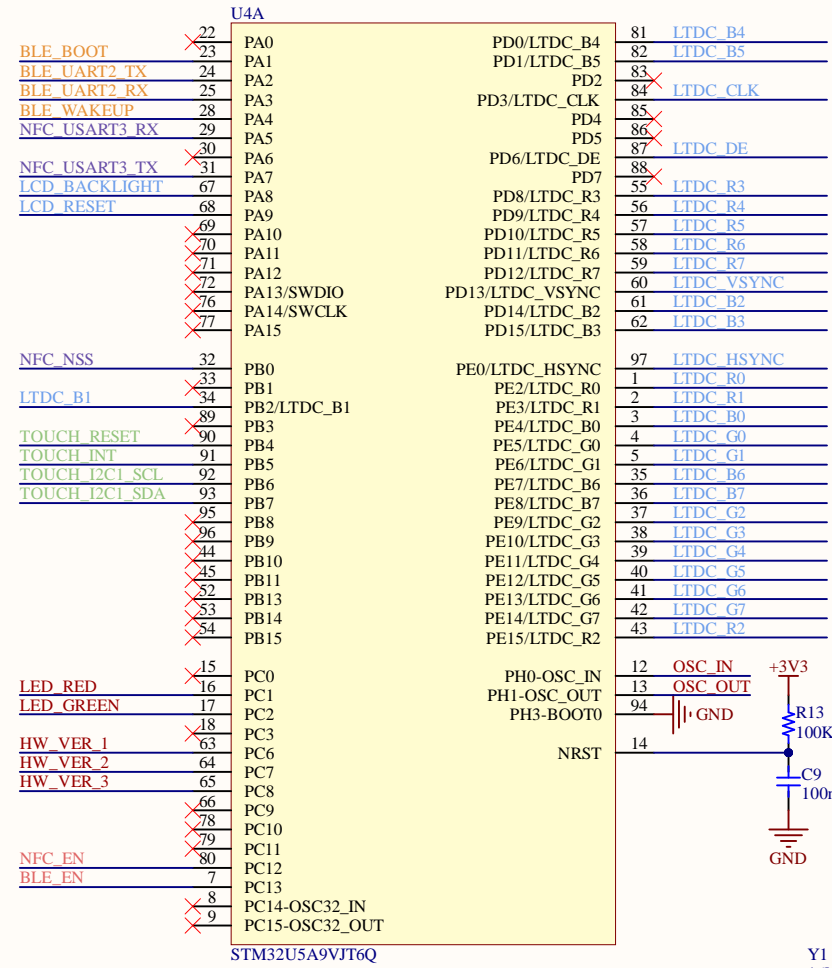
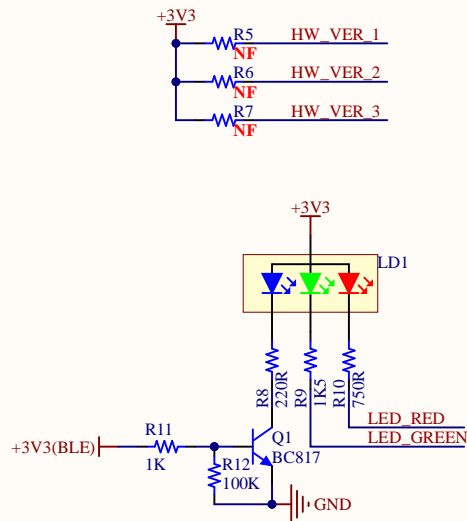


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I/O Ports

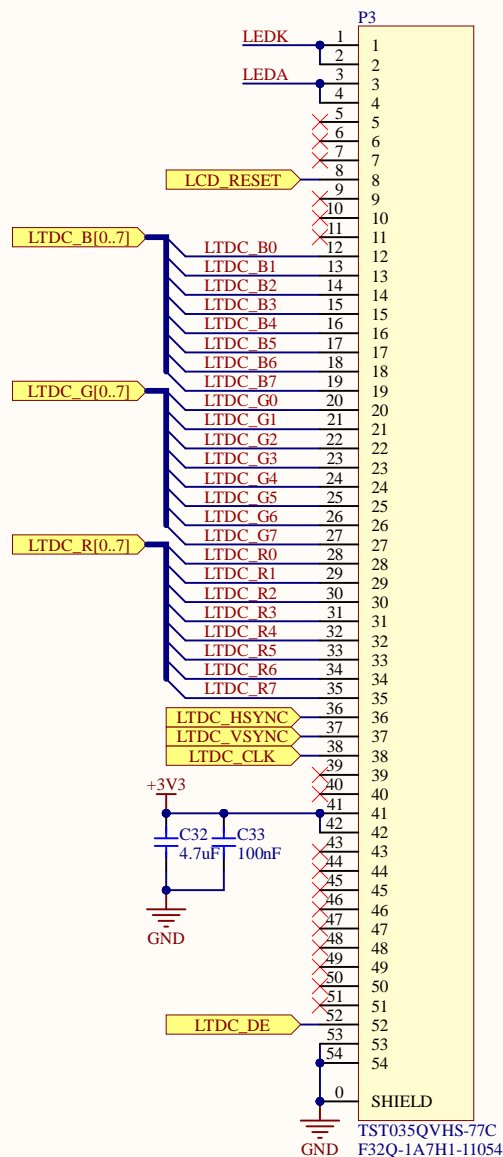
BLE_EN	BLE_EN
NFC_EN	NFC_EN
TOUCH_RESET	TOUCH_RESET
TOUCH_INT	TOUCH_INT
TOUCH_I2C1_SCL	TOUCH_I2C1_SCL
TOUCH_I2C1_SDA	TOUCH_I2C1_SDA
LCD_RESET	LCD_RESET
LCD_BACKLIGHT	LCD_BACKLIGHT
LTDC_VSYNC	LTDC_VSYNC
LTDC_HSYNC	LTDC_HSYNC
LTDC_CLK	LTDC_CLK
LTDC_DE	LTDC_DE
LTDC_R[0..7]	LTDC_R[0..7]
LTDC_G[0..7]	LTDC_G[0..7]
LTDC_B[0..7]	LTDC_B[0..7]
NFC_USART3_TX	NFC_USART3_TX
NFC_USART3_RX	NFC_USART3_RX
NFC_NSS	NFC_NSS
BLE_WAKEUP	BLE_WAKEUP
BLE_UART2_TX	BLE_UART2_TX
BLE_UART2_RX	BLE_UART2_RX
BLE_BOOT	BLE_BOOT

Others

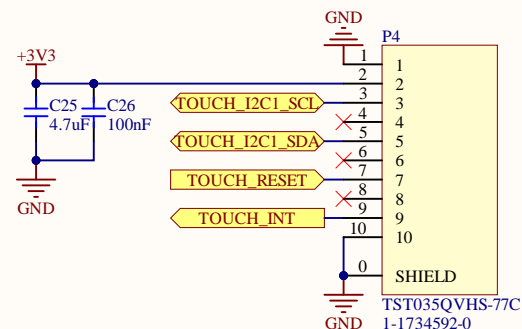


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File: SML-230109PCB1_MCU.SchDoc				

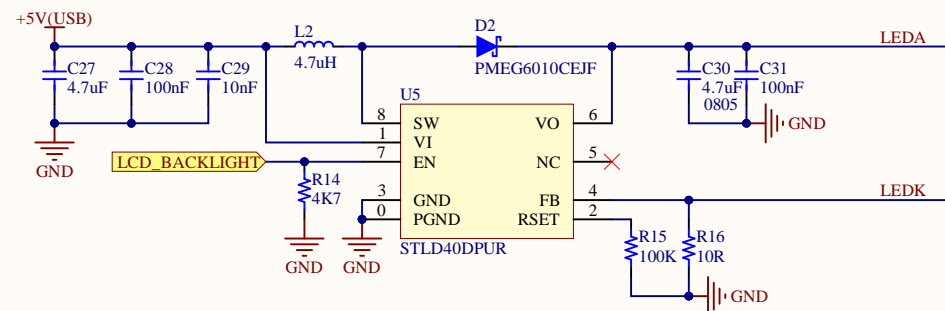
TST035QVHS-77C (TFT-LCD)



TST035QVHS-77C (touch)

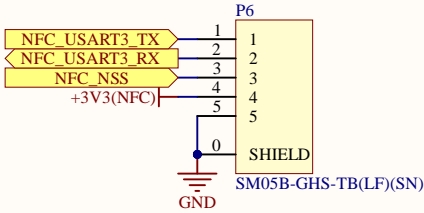



Backlight Circuit



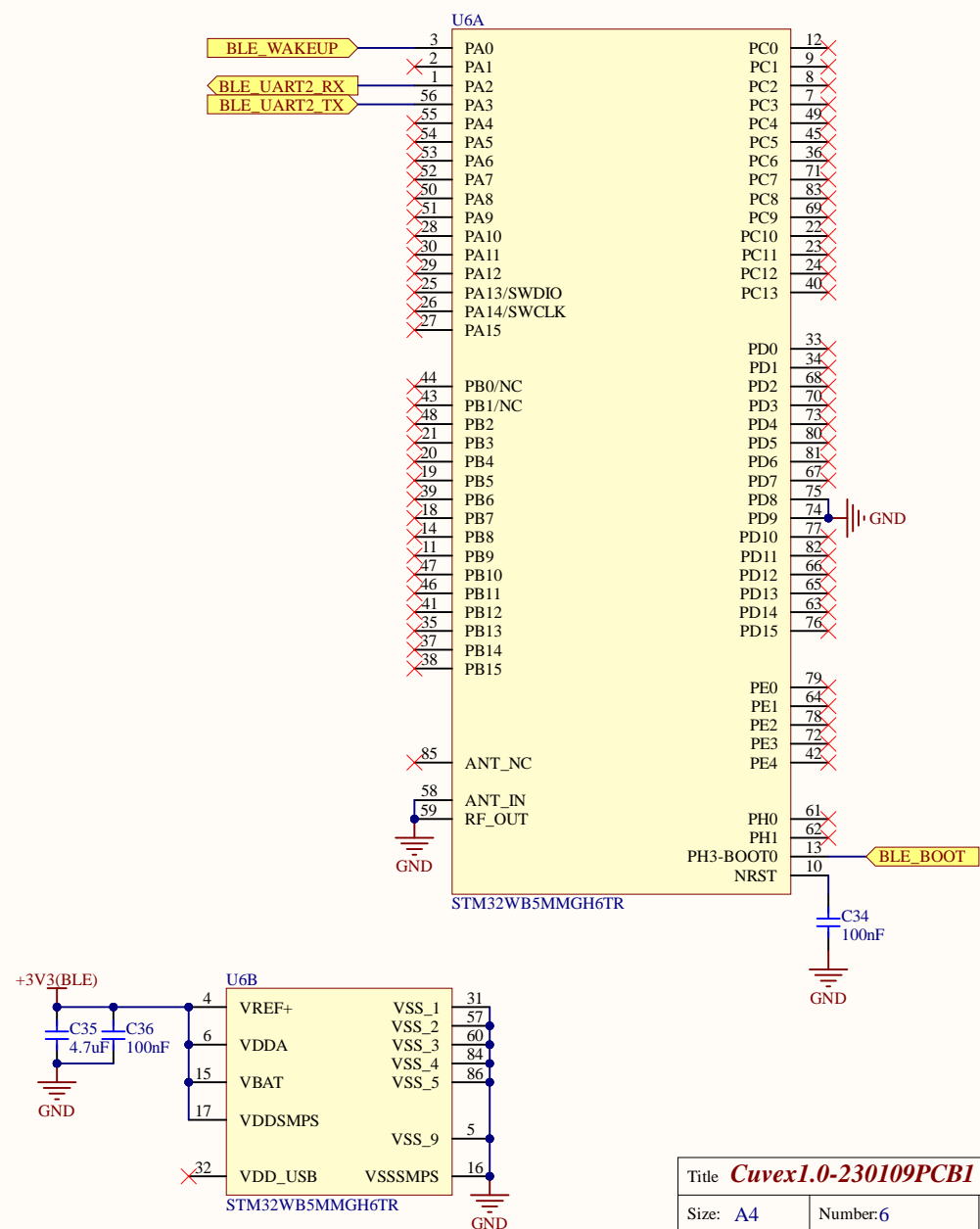
Title Cuvex1.0-230109PCBI			<div>SEMILLA3 OÜ</div> <div>Seebi tn 1-1501, Tallinn 11316, Estonia.</div> <div>Registry No.: 16636757</div> <div>VAT No. EE102568505</div>	<div>CUVEX</div>
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NFC - Connector



Title <i>Cuvex1.0-230109PCB1</i>			<i>SEMILLA3 OÜ</i> <i>Seebi tn 1-1501, Tallinn 11316. Estonia.</i> <i>Registry No.: 16636757</i> <i>VAT No. EE102568505</i>	
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BLE - STM32WB5MM



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Size: **A4**

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Revision: **VH1.0**

Date: **01/08/2024**

Sheet **6** of **6**

File: **SML-230109PCB1_BLE.SchDoc**

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