

Schematic diagrams

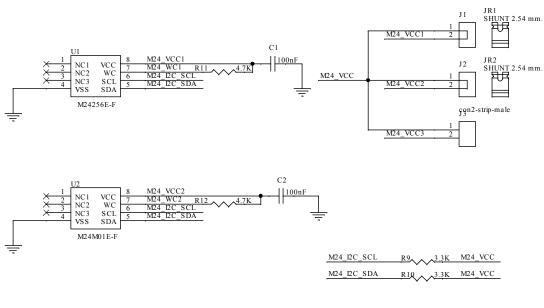
ST morpho Connectors CN7 CN10 SCL SDA 5V 3 V3 O 3 V3 AREF RESET D12 3 V3 D11 5V D10 D9 D8 Vin D7 D6 A0 D5 A1 D4 D3 A3 D2 D1 A4 A5 D0

Figure 1. X-NUCLEO-EEICA1 circuit schematic (1 of 4)

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Figure 2. X-NUCLEO-EEICA1 circuit schematic (2 of 4)





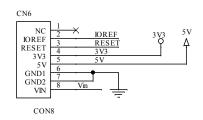
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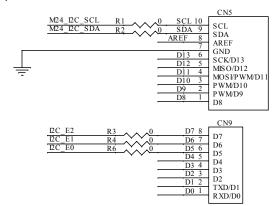


Figure 3. X-NUCLEO-EEICA1 circuit schematic (3 of 4)

Nucleo Connectors (ARDUINO UNO R3)







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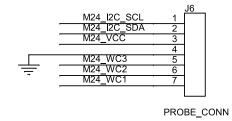
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Figure 4. X-NUCLEO-EEICA1 circuit schematic (4 of 4)

M24_VCC EXT_SUPPLY

Power Section J5 N M24_VCC IOREF



FOR CURRENT MEASUREMENT

	J4	J5
1. 3V3 (Default)	Unshort 1 and 2	Short 1 and 2
2. IOREF	Unshort 1 and 2	Short 2 and 3
3. External Supply	Short 1 and 2	Connectors to be left open

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