

Schematic diagrams

Figure 1. X-NUCLEO-ISO1A1 circuit schematic (1 of 4)

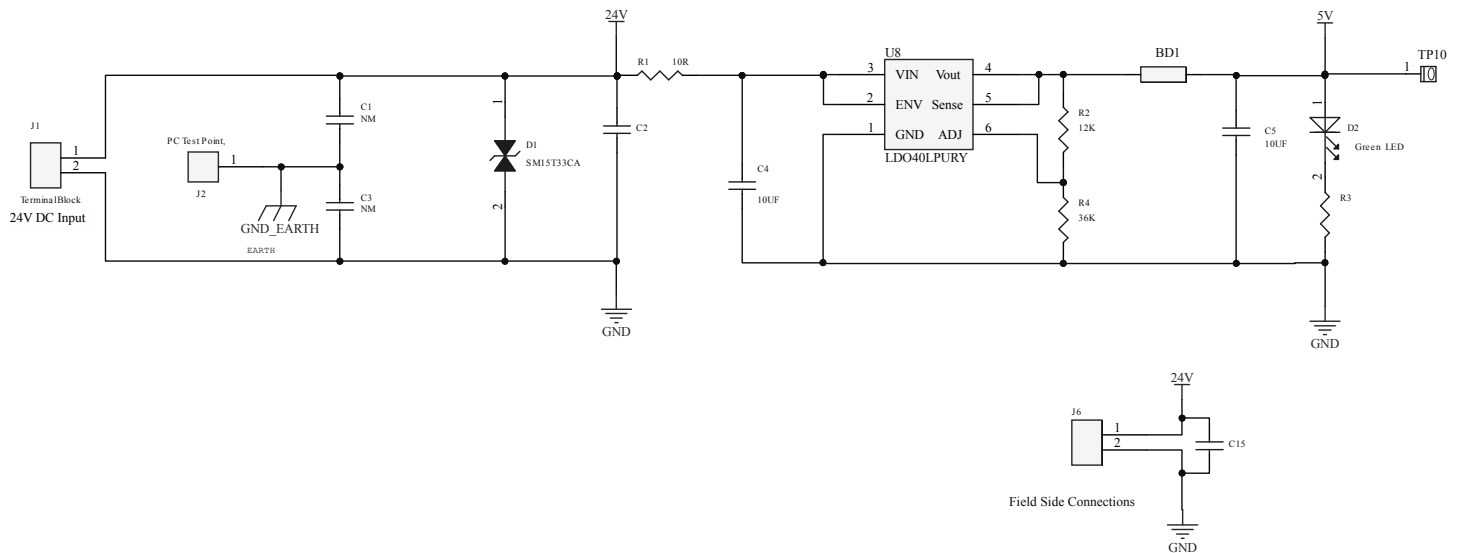
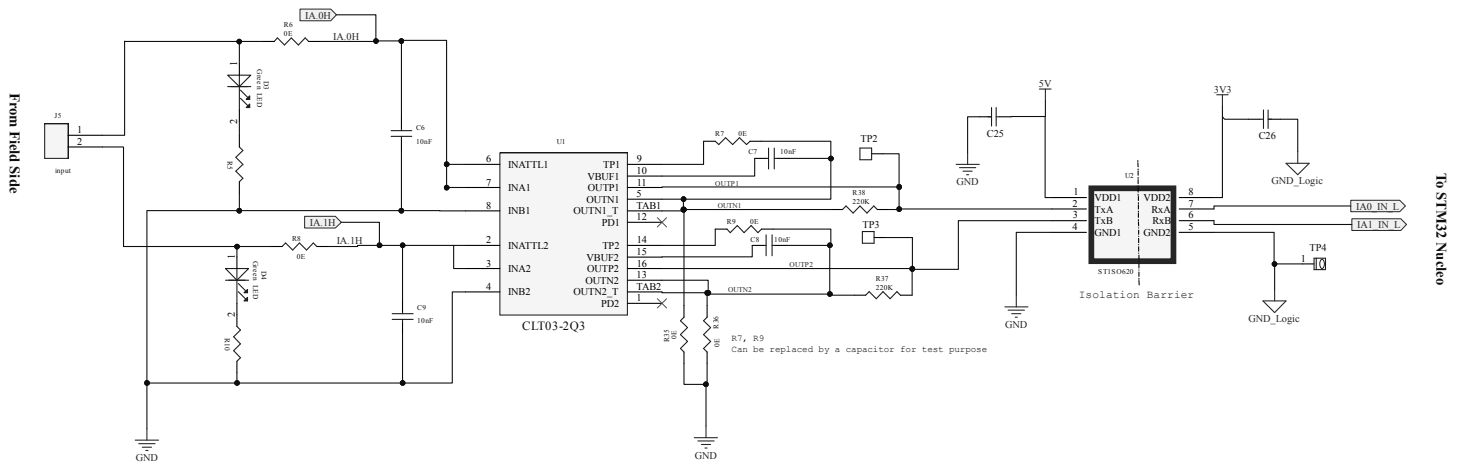


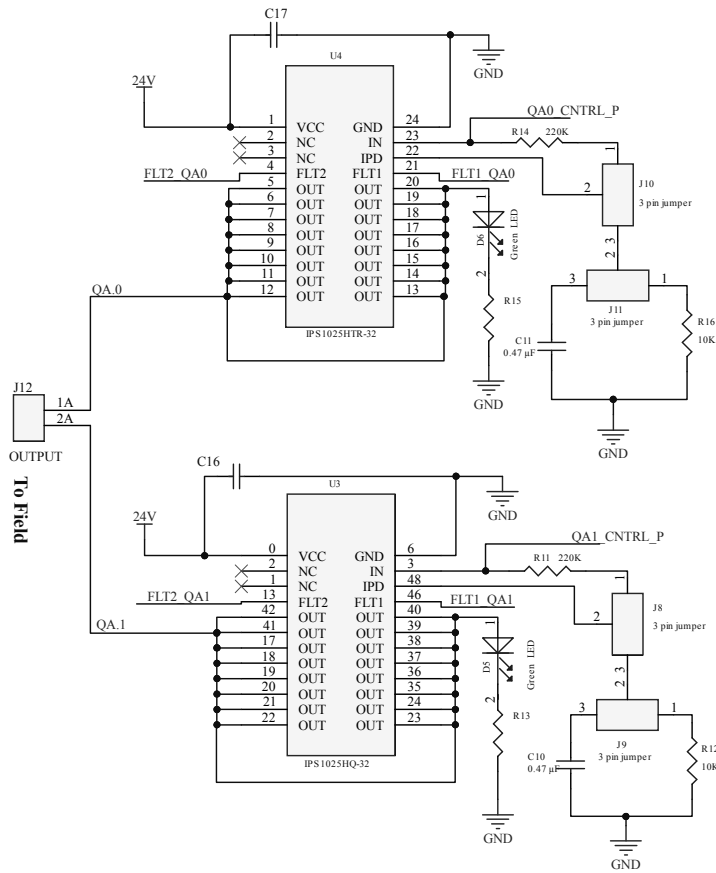
Figure 2. X-NUCLEO-ISO1A1 circuit schematic (2 of 4)



Input Current Limiter with Digital Isolation

Figure 3. X-NUCLEO-ISO1A1 circuit schematic (3 of 4)

High side Switch Section



Isolation Section

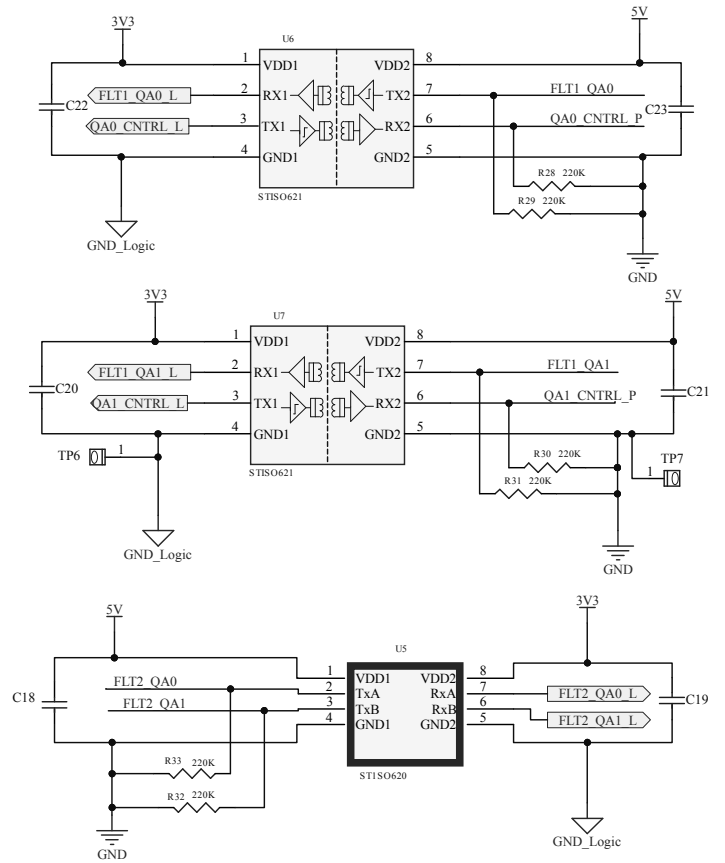
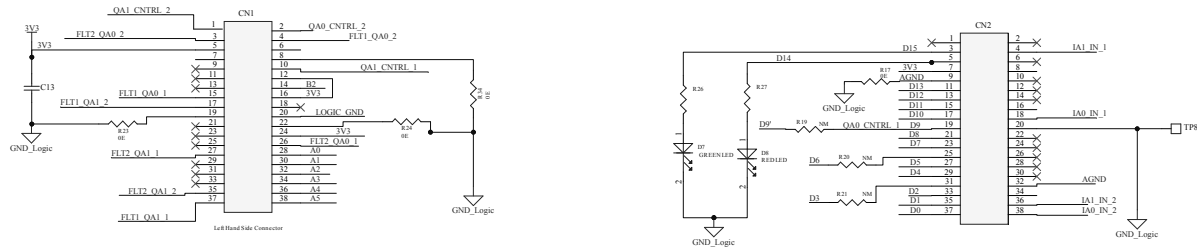
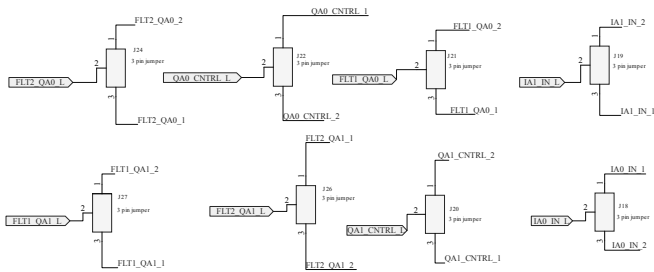


Figure 4. X-NUCLEO-ISO1A1 circuit schematic (4 of 4)

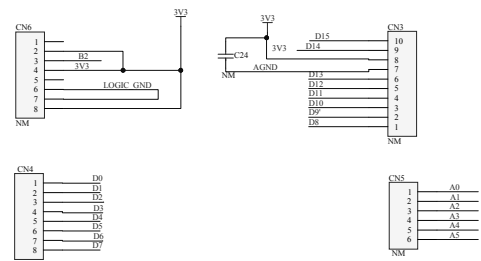


Morpho Connectors

[Note: Header PIN 1 and 2 to be shorted for All Default configuration.]



MCU Interface Routing Options



Arduino Connectors

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