

Isolation and Power

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- ISODriver Challenge

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- Power Over Ethernet Controllers

Si840x I²C, SMBus, PMBus Isolator Evaluation Kit

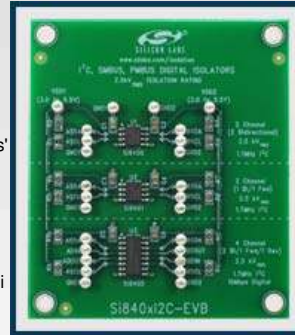
Si840xI2C-KIT

The Si840xI2C-KIT I²C digital isolator evaluation kit provides a convenient engineering break out board for easy evaluation of the Si840x series of I²C isolators. This kit comes populated with all versions of the Silicon Labs 2.5 kV I²C isolator products based on Silicon Labs' industry-leading CMOS isolation technology to deliver substantial gains in performance, reliability, cost and power consumption compared to optocoupler-based solutions.

The Si840xI2C-KIT evaluation kit offers an overview of the Si84xx isolation product family with three different bi-directional I²C compliant isolators and a two-channel isolator.

- [Si8400](#) bi-directional I²C isolator
- [Si8401](#) bi-directional I²C isolator
- [Si8405](#) bi-directional I²C isolator plus 2-channel isolator

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Documentation

Data Sheets

User Guides

Application Notes

Miscellaneous

White Papers

PCNs

[View All Documents](#)

Design Resources

[Si840x I²C Digital Isolator Evaluation Kit](#)

[When to Use a Digital Isolator vs. an Optocoupler White Paper](#)

[Design Considerations for I²C Isolation Tutorial](#)

[Low-cost, High Speed I²C Isolation with Digital Isolators App Note](#)

[I²C and SMBus Isolation Video](#)