PCA9615 IC

VDD_A = I2C-bus side power supply (2.3 V to 5.5 V)
VDD_B = differential side power supply (3.0 V to 5.5 V)

VDDA-to-VDDB Jumper

JP1 = VDDA-to-VDDB connection
Closed by Default
Cut trace to apply separate voltage to VDDB

Differential I2C Termination Resistors

Populate termination resistors ONLY on the first and last peripheral on a I2C Bus.

I2C Pullups

JP2 = I2C Pullups
Closed by Default

RJ-45 Connector

Cut traces on JP3 & JP4 to disconnect VDD_B and GND from cable.

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TITLE: SparkFun_Differential_I2C_Breakout_PCA9615_0wiic

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Sheet: 1/1