

QBridge-Connector user guide:

The QBridge-Connector is generally used for all the QBridge products, including QBridge-premier, QBridge-I2C-SPI, QBridge-CAN and QBridge-USB-I2C.

It is not necessary to connect all pins for every application. The user should choose the applicable pins for the external target. Some connection examples are described below.

- **For QBridge-premier, QBridge-I2C&SPI-Serial, QBridge-CAN-Serial**
 1. The +9 V and GND must be provided to power the device.
 2. Only SCK and SDA are needed for the I2C connection.
 3. Only CAN and CANL are needed for the CAN bus connection.
 4. The SS, SCK, SDA and SDO are all needed for the SPI connection.

- **For QBridge-USB-I2C**
 1. No external power is needed because the device is powered by the PC USB port.
 2. Only SCK and SDA are needed for the I2C connection.