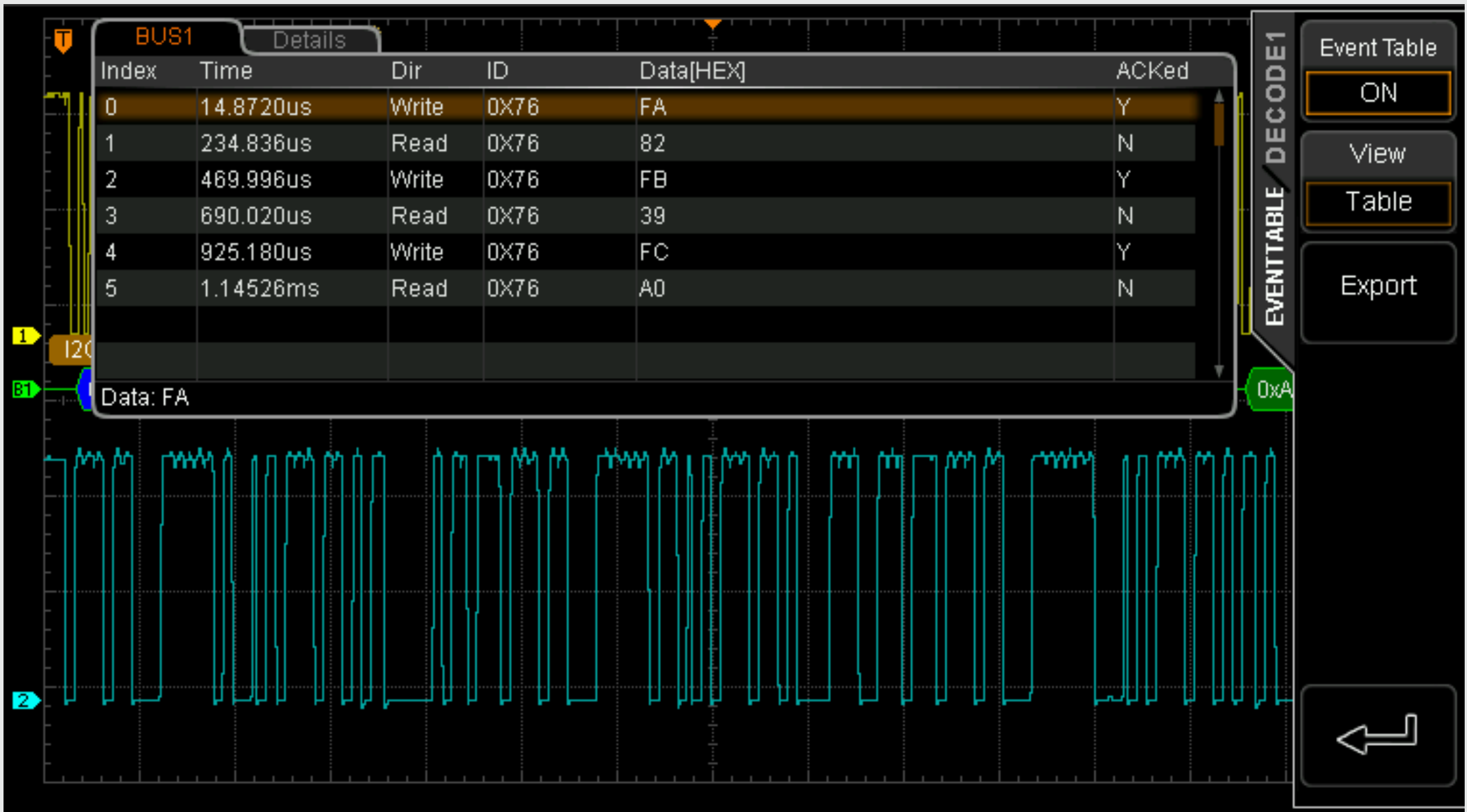# How to trigger and decode I²C

Learn how to "see" I²C communications with your oscilloscope

How to trigger and decode I²C

Oscilloscope	Role	Arduino Pin	BME280 module
CH1	SCL	SCL (A5)	SCL
CH2	SDA	SDA(A4)	SDA
		5V	Vin
		GND	GND

How to trigger and decode I2C

- Setup the scope probes.

- Setup the trigger for I2C.

- Test the trigger.

- Configure the decoder.

  - Packet end special character, the stop and data bits, and the parity bit.

- Repeat for different scenarios.