

# Kernel driver i2c-via

Supported adapters:

- VIA Technologies, Inc. VT82C586B Datasheet: Publicly available at the VIA website

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## Description

i2c-via is an i2c bus driver for motherboards with VIA chipset.

The following VIA pci chipsets are supported:

- MVP3, VP3, VP2/97, VPX/97
- others with South bridge VT82C586B

Your `lspci` listing must show this

```
Bridge: VIA Technologies, Inc. VT82C586B ACPI (rev 10)
```

## Problems?

Q:

You have VT82C586B on the motherboard, but not in the listing.

A:

Go to your BIOS setup, section PCI devices or similar. Turn USB support on, and try again.

Q:

No error messages, but still i2c doesn't seem to work.

A:

This can happen. This driver uses the pins VIA recommends in their datasheets, but there are several ways the motherboard manufacturer can actually wire the lines.