5.2 Viewing Peripherals on the IIC Bus

Here is a general introduction to the use of i2c-tools:

Installation:

```
apt-get install libi2c-dev i2c-tools
```

Use i2cdetect to detect several sets of i2c buses on the system:

```
i2cdetect -1
```

```
7000c700.i2c
                                                           I2C adapter
                 7000c400.i2c
                                                           I2C adapter
                Tegra I2C adapter
i2c
                                                           I2C adapter
i2c
                7000d000.i2c
                                                           I2C adapter
i2c
                7000c500.i2c
                                                           I2C adapter
                7000c000.i2c
i2c
                                                           I2C adapter
                 7000d100.i2c
                                                           I2C adapter
```

Use i2cdetect to detect devices mounted on the i2c-0 bus:

```
i2cdetect -r -y 0
```

Use i2cdetect to detect devices mounted on the i2c-1 bus:

```
i2cdetect -r -y 1
```