

```
root@granite2:~# ./i2cdetect -l
```

```
root@granite2:~# modprobe i2c-dev
```

39:	0	0	GIC 39	d4011000.i2c
74:	0	0	GIC 74	d4034000.i2c
78:	0	0	GIC 78	d4032000.i2c
86:	0	0	GIC 86	d4031000.i2c
87:	0	0	GIC 87	d4033800.i2c
88:	0	0	GIC 88	d4033000.i2c

```
0 1 2 3 4 5 6 7 8 9 a b c d e f
00:
10: -- -- -- -- -- 18 19 -- 1b -- -- -- 
20: -- -- -- -- -- 
30: -- -- -- 33 -- -- -- -- --
```

40: -- -- -- -- --

50: 50 -- -- 53 -- -- -- -- --

60: --

70:

root@granite2:~# cat /proc/interrupts | grep i2c

39: 459 0 GIC 39 d4011000.i2c

74: 0 0 GIC 74 d4034000.i2c

78: 0 0 GIC 78 d4032000.i2c

86: 0 0 GIC 86 d4031000.i2c

87: 0 0 GIC 87 d4033800.i2c

88: 0 0 GIC 88 d4033000.i2c

root@granite2:~# ./i2cdetect -y 3 0x10 0x60

0 1 2 3 4 5 6 7 8 9 a b c d e f

00:

10: -- -- -- -- --

20: -- -- -- -- --

30: -- -- -- -- --

40: -- -- -- -- --

50: -- -- -- -- --

60: --

70:

搜索不到位于0x38的touch screen device

root@granite2:~# cat /proc/interrupts | grep i2c

```
39:    459    0    GIC 39 d4011000.i2c
74:     0     0    GIC 74 d4034000.i2c
78:     0     0    GIC 78 d4032000.i2c
86:     0     0    GIC 86 d4031000.i2c
87:     0     0    GIC 87 d4033800.i2c
88:   486     0    GIC 88 d4033000.i2c
```

```
root@granite2:~#
```

但i2c4的interrupt是产生的。

test on granite2 toc board

```
root@granite2:~# ./i2cdetect -l
```

```
i2c-0i2c    pxa_i2c-i2c          I2C adapter
i2c-3i2c    pxa_i2c-i2c          I2C adapter
```

```
root@granite2:~# cat /proc/interrupts | grep i2c
```

```
39:      0    GIC 39 d4011000.i2c
88:  225906    GIC 88 d4033000.i2c
```

```
root@granite2:~# ./i2cdetect d 0 -y 0 0x10 0x60
```

```
  0 1 2 3 4 5 6 7 8 9 a b c d e f
00:
10: - - - - - 18 19 - - - - -
20: - - - - -
```

30: -- 31 --

40: --

50: UU UU --

60: --

70:

root@granite2:~# cat /proc/interrupts | grep i2c

39: 460 GIC 39 d4011000.i2c

88: 306226 GIC 88 d4033000.i2c

root@granite2:~# ./i2cdetect -y 3 0x10 0x60

0 1 2 3 4 5 6 7 8 9 a b c d e f

00:

10: --

20: --

30: -- UU --

40: --

50: --

60: --

70:

root@granite2:~# cat /proc/interrupts | grep i2c

39: 460 GIC 39 d4011000.i2c

88: 338066 GIC 88 d4033000.i2c

root@granite2:~#

i2cdetect think 0x38 has occupied by something on i2c4 bus.

When I disable edt-ft5x06@38 device in mv6270-toc.dtb

```
1.         i2c@d4033000 {
2.             compatible = "mrvl,pxa-i2c";
3.             reg = <0x0 0xd4033000 0x0 0x64>;
4.             interrupts = <0x0 0x38 0x4>;
5.             #address-cells = <0x1>;
6.             #size-cells = <0x0>;
7.             clocks = <0x2d>;
8.             status = "okay";
9.             pinctrl-0 = <0x2e>;
10.            pinctrl-names = "default";
11.
12.            /*
13.            edt-ft5x06@38 {
14.                compatible = "edt,edt-ft5x06";
15.                reg = <0x38>;
16.                pinctrl-names = "default";
17.                interrupt-parent = <0x14>;
18.                interrupts = <0x5c 0x0>;
19.                num-x = <0x400>;
20.                num-y = <0x258>;
21.                invert-y = <0x1>;
22.                invert-x = <0x0>;
23.                reset-gpios = <0x14 0x5d 0x0>;
24.            };
25.            */
26.        };
```

root@granite2:~# ./i2cdetect -y 3 0x10 0x60

0 1 2 3 4 5 6 7 8 9 a b c d e f

00:

10: ---

20: ---

30: --- 38 ---

40: ---

50: ---

60: --

70:

i2cdetect could identify 0x38 address (edt-ft5x06@38)

```
root@granite2:~# cat /proc/interrupts | grep i2c
```

```
39:      0      GIC 39 d4011000.i2c
```

```
88:    481      GIC 88 d4033000.i2c
```

```
root@granite2:~# ./i2cdetect -y 3 0x10 0x60
```

```
 0 1 2 3 4 5 6 7 8 9 a b c d e f
```

```
00:
```

```
10: -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- --
```

```
20: -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- --
```

```
30: -- -- -- -- -- -- -- 38 -- -- -- -- -- -- -- --
```

```
40: -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- --
```

```
50: -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- --
```

```
60: --
```

```
70:
```

```
root@granite2:~# cat /proc/interrupts | grep i2c
```

```
39:      0      GIC 39 d4011000.i2c
```

```
88:    962      GIC 88 d4033000.i2c
```

```
root@granite2:~#
```

remove touch screen device from lvds interface

```
root@granite2:~# cat /proc/interrupts | grep i2c
```

```
39:      0      GIC 39 d4011000.i2c
```

88: 486 GIC 88 d4033000.i2c

root@granite2:~# ./i2cdetect -y 3 0x10 0x60

0 1 2 3 4 5 6 7 8 9 a b c d e f

00:

10: -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- --

20: -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- --

30: -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- --

40: -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- --

50: -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- --

60: --

70:

root@granite2:~# cat /proc/interrupts | grep i2c

39: 0 GIC 39 d4011000.i2c

88: 972 GIC 88 d4033000.i2c