btl\_ts\_init

-->i2c\_add\_driver(&btl\_ts\_driver);

static struct i2c\_driver btl\_ts\_driver = {

.probe = btl\_ts\_probe,

.remove = btl\_ts\_remove,

.id\_table = btl\_ts\_id,

.driver = {

.name = BTL\_I2C\_NAME,

.owner = THIS\_MODULE,

#ifdef BTL\_CONFIG\_OF

.of\_match\_table = btl\_match\_table,

#endif

#if !defined(CONFIG\_FB) && defined(CONFIG\_PM) && defined(BTL\_PM\_SUPPORT)

.pm = &btl\_pm\_ops,

#endif

},

};

btl\_ts\_probe

--->ret = btl\_parse\_dt(&ts->client->dev);//RESET\_PIN\_WAKEUP

--->ts->reset\_gpio\_number = of\_get\_gpio(np, 0);//复位脚

--->ts->irq\_gpio\_number = of\_get\_gpio(np, 1);//中断脚

--->ret = of\_property\_read\_string(np, "vcc\_name", &ts->vcc\_name);//BTL\_VCC\_LDO\_SUPPORT VCC电压

--->ret = of\_property\_read\_string(np, "iovcc\_name", &ts->iovcc\_name);//BTL\_IOVCC\_LDO\_SUPPORT IOVCC电压

--->ret = of\_property\_read\_u32(np, "TP\_MAX\_X", &tmp\_val\_u32);

--->ret = of\_property\_read\_u32(np, "TP\_MAX\_Y", &tmp\_val\_u32);

--->ret = btl\_request\_platform\_resource(ts);

--->ret = BTL\_GPIO\_REQUEST(ts->irq\_gpio\_number, "BTL INT IRQ");//申请中断脚

--->ret = BTL\_GPIO\_REQUEST(ts->reset\_gpio\_number, "BTL RST PORT");//申请复位脚

--->ts->vcc = regulator\_get(&ts->client->dev, ts->vcc\_name);

--->ret = regulator\_set\_voltage(ts->vcc, 2800000, 2800000);//使能vcc 电压

--->ts->iovcc = regulator\_get(&ts->client->dev, ts->iovcc\_name);

--->ret = regulator\_set\_voltage(ts->iovcc, 2800000, 2800000);//使能io vcc电压

--->ret = btl\_power\_on(client);//BTL\_POWER\_CONTROL\_SUPPORT

--->ret = btl\_iovcc\_off(client);

--->ret = btl\_vcc\_off(client);

--->ret = btl\_vcc\_on(client);

--->ret = btl\_iovcc\_on(client);

--->BTL\_GPIO\_AS\_INT(ts->irq\_gpio\_number);//中断脚 设置输入

--->btl\_ts\_reset\_wakeup();//复位

--->BTL\_GPIO\_OUTPUT(ts->reset\_gpio\_number, 1);

--->BTL\_GPIO\_OUTPUT(ts->reset\_gpio\_number, 0);

--->BTL\_GPIO\_OUTPUT(ts->reset\_gpio\_number, 1);

ret = btl\_get\_chip\_id(&ts->chipInfo.chipID); //获取id

--->ret = btl\_auto\_update\_fw();//固件升级 BTL\_AUTO\_UPDATE\_FARMWARE

--->ret = btl\_request\_input\_dev(ts);

--->ret = btl\_request\_irq(ts);