

I could not get the size of itcm and dtcm from 6270 / 6220 programmer guide.

Formater core and IO core use their own itcm, but use shared dtcm.

in 6270 dts

```
upc@F9800000 {  
    compatible = "marvell-upc";  
    reg = <0x0 0xf9800000 0x0 0x10000>;  
    register_address = <0xf9808000>;  
    itcm_address = <0xf9800000>;  
    itcm_size = <0x8000>;  
    dtcm_address = <0xf9880000>;  
    dtcm_size = <0x40000>;  
    interrupts = <0x0 0xcc 0x4>;  
    id = <0x0>;  
};
```

```
upc@F9810000 {  
    compatible = "marvell-upc";  
    reg = <0x0 0xf9810000 0x0 0x10000>;  
    register_address = <0xf9808000>;  
    itcm_address = <0xf9810000>;  
    itcm_size = <0x8000>;
```

```
dtcm_address = <0xf9880000>;  
  
dtcm_size = <0x40000>;  
  
interrupts = <0x0 0xcd 0x4>;  
  
id = <0x1>;  
  
};
```

itcm size = 0x8000 = 32K

dtcm size = 0x40000 = 256K

RT-Thread 2.0能否运行在upc formater core上呢？

UPC Formater core有四个Timer，任选一个可以用作schudler的timer。