

1. check the address mapping and "init-on" of GPU's power

```
root@granite2:/proc/device-tree# cd regulators-mmap/
```

```
root@granite2:/proc/device-tree/regulators-mmap# ls -l
```

```
-r--r--r--  1 root  root      4 Oct 10 07:31 #address-cells
-r--r--r--  1 root  root      4 Oct 10 07:31 #size-cells
-r--r--r--  1 root  root     11 Oct 10 07:31 compatible
-r--r--r--  1 root  root     16 Oct 10 07:31 name
drwxr-xr-x  2 root  root      0 Oct 10 07:31 pegmatite-regulator@1
drwxr-xr-x  2 root  root      0 Oct 10 07:31 pegmatite-regulator@2
drwxr-xr-x  2 root  root      0 Oct 10 07:31 pegmatite-regulator@3
-r--r--r--  1 root  root      0 Oct 10 07:31 ranges
```

```
root@granite2:/proc/device-tree/regulators-mmap# cd pegmatite-regulator@2/
```

```
root@granite2:/proc/device-tree/regulators-mmap/pegmatite-regulator@2# ls -l
```

```
-r--r--r--  1 root  root     12 Oct 10 07:31 clocks
-r--r--r--  1 root  root     14 Oct 10 07:31 compatible
-r--r--r--  1 root  root      4 Oct 10 07:31 dev-name
-r--r--r--  1 root  root      4 Oct 10 07:31 init-on
-r--r--r--  1 root  root     20 Oct 10 07:31 name
-r--r--r--  1 root  root     16 Oct 10 07:31 reg
-r--r--r--  1 root  root     14 Oct 10 07:31 regulator-name
-r--r--r--  1 root  root      9 Oct 10 07:31 status
-r--r--r--  1 root  root     12 Oct 10 07:31 supply-name
```

```
root@granite2:/proc/device-tree/regulators-mmap/pegmatite-regulator@2# hexdump -x reg
```

```
00000000 0000 0000 63d0 3000 0000 0000 0000 0800
```

0000010

```
root@granite2:/proc/device-tree/regulators-mmap/pegmatite-regulator@2# hexdump -x init-on
```

00000000 0000 0100

00000004

```
root@granite2:/proc/device-tree/regulators-mmap/pegmatite-regulator@2#
```

2. check clock parameters

```
root@granite2:/proc/device-tree# cd gpubusclk
```

```
root@granite2:/proc/device-tree/gpubusclk# ls -l
```

```
-r--r--r-- 1 root root 4 Oct 10 07:39 #clock-cells
-r--r--r-- 1 root root 4 Oct 10 07:39 clock-frequency
-r--r--r-- 1 root root 4 Oct 10 07:39 clock-source
-r--r--r-- 1 root root 8 Oct 10 07:39 clocks
-r--r--r-- 1 root root 25 Oct 10 07:39 compatible
-r--r--r-- 1 root root 4 Oct 10 07:39 linux,phandle
-r--r--r-- 1 root root 10 Oct 10 07:39 name
-r--r--r-- 1 root root 4 Oct 10 07:39 phandle
-r--r--r-- 1 root root 16 Oct 10 07:39 reg
```

```
root@granite2:/proc/device-tree/gpubusclk# hexdump -x reg
```

00000000 0000 0000 63d0 f804 0000 0000 0000 0800

0000010

```
root@granite2:/proc/device-tree/gpubusclk# cat name
```

gpubusclk

```
CHroot@granite2:/proc/device-tree/gpubusclk# hexdump -x clocks
```

0000000 0000 4300 0000 4800

0000008