3-Axis Digital Compass(HMC5883L)

20131110
This use i2c_rd and i2c_wr and i2c_rd_multi.

Reference;
HMC5883L_0.2.f

Display register value (After power on)

```
Prop0 Cog6 ok
disp_reg
Address  value(hex)
   0         70
   1         20
   2         00
   3         00
   4         0A
   5         FE
   6         A6
   7         01
   8         0E
   9         03
   10        48
   11        34
   12        33
Prop0 Cog6 ok
```

Status register(address9)'s LOCK(bit1) is 1, because word'disp_reg' read out byte step byte.
This is different from default values on manual.
I have no idea.
But it seems to operate finely.

```
Prop0 Cog6 ok
contMeasure
...
X=-1 Y=272 Z=-345  <--- Rotating chip on horizontal
X=-1 Y=272 Z=-345
X=-1 Y=272 Z=-345
X=-1 Y=272 Z=-345
X=-1 Y=272 Z=-345
X=-1 Y=272 Z=-345
X=-1 Y=272 Z=-345
X=0 Y=273 Z=-345
X=0 Y=273 Z=-345
X=0 Y=273 Z=-345
X=0 Y=273 Z=-345
...
X=-273 Y=-1 Z=-336 <--- Rotating chip on horizontal
X=-273 Y=-1 Z=-336
X=-273 Y=-1 Z=-336
X=-273 Y=-1 Z=-336
X=-273 Y=-1 Z=-336
X=-273 Y=-1 Z=-336
X=-273 Y=-1 Z=-336
X=-273 Y=-1 Z=-336
X=-273 Y=-1 Z=-336
X=-273 Y=-1 Z=-336
X=-273 Y=-1 Z=-336
X=-273 Y=-1 Z=-336
X=-273 Y=-1 Z=-336
...
X=28 Y=402 Z=-3 <--- Tilting chip on vertical
X=28 Y=402 Z=-3
X=28 Y=402 Z=-3
X=28 Y=402 Z=-3
X=28 Y=401 Z=-6
X=27 Y=401 Z=-6
X=27 Y=401 Z=-6
X=27 Y=401 Z=-6
X=27 Y=401 Z=-6
X=27 Y=401 Z=-6
X=27 Y=401 Z=-6
X=27 Y=401 Z=-6
X=27 Y=401 Z=-6
X=27 Y=401 Z=-6
X=27 Y=401 Z=-6
X=27 Y=401 Z=-6
Not yet self-test operation.
```