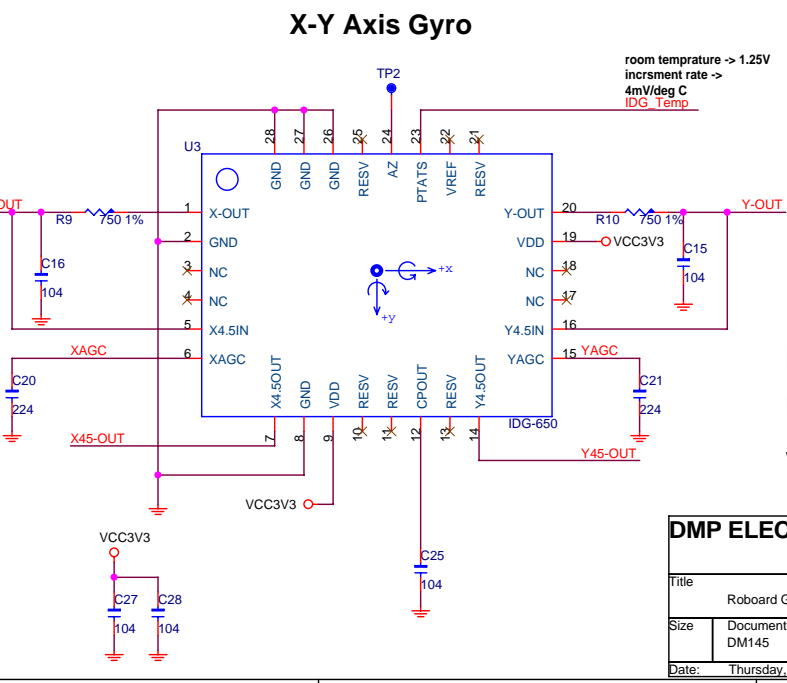
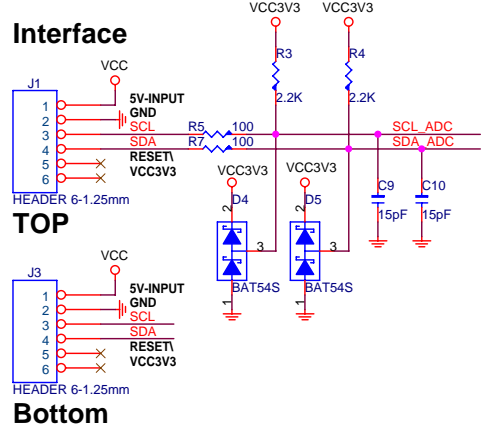


- Header 6 pin - 1.25mm Right Angle
- 1: 5V-INPUT
  - 2: GND
  - 3: SCL
  - 4: SDA
  - 5: RESET (Reserved)
  - 6: VCC3V3



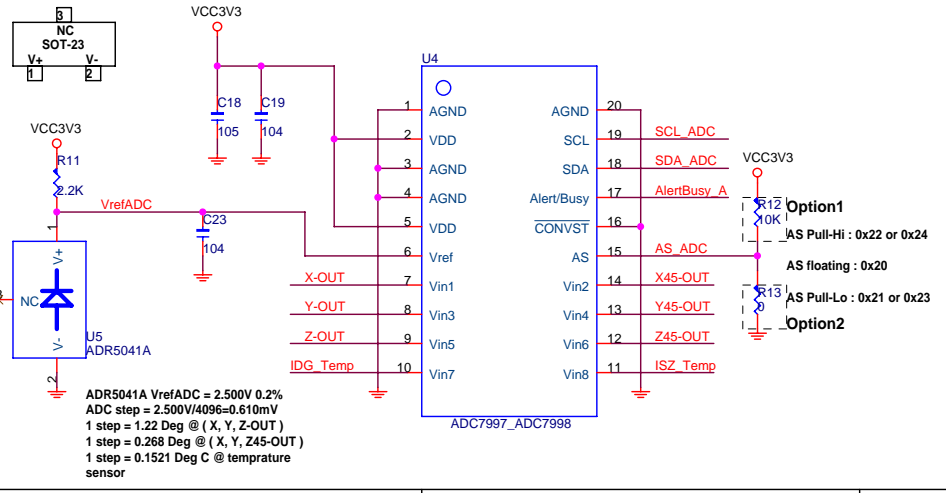
if ADC Vref = 2.500V.....

X-OUT, Y-OUT, Z-OUT (max....)  
 $=Vref + 0.5mV \cdot 2000deg/sec$   
 $=1.35V + 1V = 2.35V$

X-OUT, Y-OUT, Z-OUT (min....)  
 $=Vref - 0.5mV \cdot 2000deg/sec$   
 $=1.35V - 1V = 0.35V$

X45-OUT, Y45-OUT, Z45-OUT (max....)  
 $=Vref + 2.27mV \cdot 440deg/sec$   
 $=1.35V + 0.9988V = 2.3488V$

X45-OUT, Y45-OUT, Z45-OUT (min....)  
 $=Vref - 2.27mV \cdot 440deg/sec$   
 $=1.35V - 0.9988V = 0.3512V$



**PCB NO. DM145**  
**RoBoard 3AXIS Gyro module**  
**VER :1.0**

**DMP ELECTRONICS INC.**

Title		RoBoard Gyro Module
Size	Document Number	Rev
	DM145	1.0
Date:	Thursday, December 10, 2009	Sheet 1 of 1