1. 12/2013
2. The communication protocol is I^2C.
3. It can be used for smartphones/tablets, high accuracy altimetry, personal electronics altimetry. It matches our use.
4. 3; 1; 8; 7
5. ?
6. In FIFO mode it is 1 Hz.
7. The range is -40 to 85˚C.
8. If the temperature is not at 25˚C the measurements are + or – 3.
9. The operating voltage range is 1.95 V to 3.6 V.
10. It draws 2 mA.
11. The operating temperature range is -40˚C to 85˚C.
12. This is an ESD sensitive device.
13. The slave address is 0xC0.
14. The equation is “h=44330.77 [1 p /p0 )^0.1902632 ] + OFF\_H (Register Value).”
15. The dimensions are 3 by 5 by 1.25 mm.
16. A ) dimensions:3 , Number of sensors: 3

α = x + z

β = y + z

γ = z

B) dimensions: 3, Number of sensors: 2

α = x + z

β = y + z

C) dimensions: 2, Number of sensors: 2 γ

α = x + y

β = y

D) dimensions: 3, Number of sensors: 2

α = x + 4z

β = 3y + z