

Homework 1 Problem 3

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- 1)(a) [1]
 - (b) 8 bit resolution, 28Gsamples/s, 280mW
 - (c) 16nm FIN-FET, 2.8mm²
 - (d) 17.86 Hours
- 2)(a) [2]
 - (b) 5 bit resolution, 500Msamples/s, 1.62mW
 - (c) 55nm CMOS, Area not stated
 - (d) 128.6 Days
- 3)(a) [3]
 - (b) 10 bit resolution, 1.5Gsamples/s, 6.92mW
 - (c) 14nm CMOS FIN-FET, 0.0016mm²
 - (d) 722.5 Hours

REFERENCES

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