CENG 5434: Microcomputer Systems Design

WELCOME 9/21/2021

REMIND ME TO RECORD

Go Over HW 3

1A_HW3_AnsPIC_Apps_SensorSpecs_IIOT_WirelessSensorsB.pdf

2_Floating-Point Formats in the World of Machine Learning_EDesign.pdf

(IEEE floating point isn't the only one)

3_Arduino_vs_PIC.pdf

(One for hobbyist and the other for production)

4a_Accuracy, Precision & Resolution __ Electronic Measure .pdf

(A more detailed analysis of the items with uncertainty analysis.)

4b_Analog-to-Digital Converters _ EE Times.pdf

5_a2d_Lecture_WEB.pdf

6_A2D Error and Motor Aliasing.pdf

7_Data Acqusition&Sampling.pdf

8_Data AcquisitionReferences_2022.pdf

The Website:

Data Acquisition **UPDATE** References

REMEMBER: Resolution, Range, Rate of Sampling for analog signals Data Acquisition

Signal Conditioning 29,184 views May 20, 2018 3:35

https://www.youtube.com/watch?v=HSHJXXFigz8

Data_Acquisition A2D **5_a2d_WEB.pdf**

I/O_Ports I/O_Ports2 Serial_Communication Interrupts