

# A/D & D/A Converter

## Theory

1. Introduction

2. Value Discrete (Quantized)

3. Time Discrete (Sampled)

4. A/D/A Behavioral Modeling

5. Noise / Accuracy

## Practical

GetStart w. DE1-SoC Board

Use ADA Board

Use DSM Board

DE1-SoC: ADC LTC2308

GetStart w. DCDCbuck

Check Digital PWM

Matlab: A/D/A modeling