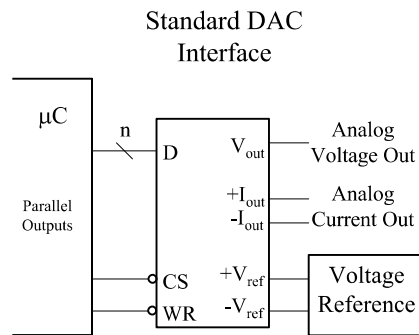


Digital-to-Analog (D/A) Converters (DACs)



Characteristics

Speed
 Settling Time
 Bandwidth (of V_{ref})
 Accuracy
 Resolution
 Offset Error
 Full Scale Error
 Relative Accuracy
 Non-Linearity
 Monotonicity
 Power Supply Rejection Ratio (PSRR)
 Temperature Coefficient

DAC Types

Unipolar: $0 \rightarrow +V_{ref}$ or $-V_{ref} \rightarrow 0$
 Bipolar: $-V_{ref} \rightarrow +V_{ref}$
 Multiplying: 2-Quadrant or 4-Quadrant

Pulse-Width Modulation (PWM) DAC

