

KNOWLEDGE PROBE 5: DIGITAL SIGNAL PROCESSING

DSP Applications

Learning Objectives

1. Outline the advantages and disadvantages of DSP.
 2. List the most widely used applications and products incorporating DSP.
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1. Most modern electronics equipment use DSP.
 - a. True
 - b. False
 2. Which does NOT use DSP?
 - a. CD player
 - b. Cell phone
 - c. Guitar amplifier
 - d. PC
 3. The key limitation to the use of DSP in more electronic applications is
 - a. Complexity
 - b. Excessive power consumption
 - c. Physical size
 - d. Sample speed of ADCs
 4. Where is DSP more widely used?
 - a. Audio
 - b. Microwave
 - c. RF
 - d. Video