UTAustinX: UT.6.01x Embedded Systems - Shape the World

KarenWest (/dashboard) ▼

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DEFINITIONS (5/5 points)

Please match the following terms with the letter of their appropriate definitions.

Precision

| C |

Answer: C

A. number system that can be used to define noninteger values

Hexadecimal

| D |

Answer: D

B. defines the amount of work that can be done

Fixed point

| A |

Answer: A

C. number of different values

Energy

| B |

Answer: B

D. base sixteen number system

Resistance

| E |

Answer: E

E. potential divided by flow

Help

EXPLANATION

Check   Hide Answer(s)

DATA SIZES (5/5 points)

How many bits are in each of the following data sizes on the ARM Cortex M?

Binary Bit:

| 1 |

| 1 |

Answer: 1

Nibble:

4

4

Answer: 4

Byte:

8

8

Answer: 8

Halfword:

16

16

Answer: 16

Word:

32

32

Answer: 32

EXPLANATION

Check   Hide Answer(s)

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