VLSI and Embedded Systems

Assessment Fact Sheet

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Overview

Multi-choice test that measures the knowledge of VLSI and embedded systems basics.

Relevant Job Roles	VLSI Engineer, Embedded Systems Engineer

Details

Language	English (US)
Average Testing Time (minutes)	09 minutes
Allowed Time (minutes)	15 minutes
Maximum Number of Questions	12 questions
Number of Sittings	One
Test Type	Multiple Choice - CTT
Sector	Information Technology
Scores Reported	• Overall Score • VLSI • Embedded Systems • Digital Signal Processing
O*NET Competency	Engineering and Technology

Knowledge, Skills, Abilities And Competencies Measured

The following areas are covered:

- MOS logic circuits: combinational and sequential circuits
- MOS technologies
- Programmable logic devices
- Architecture of embedded processors
- Programming of embedded systems
- RTOS based embedded systems
- Frequency transforms
- FIR and IIR filters
- Digital signal processing applications