



SHEET 1

- Q1. Draw the block diagram of ARM Cortex-M based Microcontroller. How many general-purpose registers does the ARM Cortex-M processor has?
- Q2. What is special about Register 13? Register 14? Register 15?
- Q3. What are the bits in the Program Status Register (PSR) of Cortex-M processor?
- Q4. Draw the memory map of TM4C123? How much RAM and ROM are in TM4C123? What are the specific address ranges of these memory components?
- Q5. How do you specify where to begin execution after a reset?
- Q6. What does word-aligned and halfword-aligned mean?