

Exam 3 Review 2

1. If the reference voltage on the A to D converter is 3.3 volts and the user inputs an analog signal of 1.2 volts, what binary value appears in the A to D data register?
2. A function prototype is given below. Write a sample calling statement that could go into a main program to activate this function.
`float MyFunction(int d[], char sz);`
3. If a C-program on the ARM calls an assembly program and an integer value is returned by the assembly program, explain how this data gets back to the C-code.
4. The ARM STM32F407VG has a 3-stage pipe. What happens in the pipeline of a conditional branch instruction is executed.