



SHEET 7

Q1. If a stepper motor rotates with 200 steps / rotation, what is the required delay between steps to achieve 24 RPM?

Q2. If a stepper motor rotates with 200 steps / rotation and the delay between steps is 20 milliseconds, what is the speed of the motor in RPM?

Q3. For a motor with 200 steps / rotation. Write a C program to implement a stepper motor controller that spins this motor at 6 RPM. Assume that you have an already implemented "**systick_wait_10ms ()**" function that provides a delay each 10ms.