

EE 308 – Quiz 6
March 3, 2012

Name: _____

Name: _____

Name: _____

Name: _____

1. The following is in the memory of an MC9S12 microcontroller:

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
FFD0	D6	05	35	CF	E0	00	FE	08	20	A6	00	47	6A	05	08	53
FFE0	26	F7	34	C6	C8	CD	9C	40	21	26	FD	53	26	F7	3D	3F
FFFO	07	C2	3A	68	F3	09	C2	67	9A	0F	AA	55	08	40	CD	CF

What is the address of the first instruction of the Real Time Interrupt interrupt service routine?

2. Write some C code which will enable the Real Time Interrupt, set the Real Time Interrupt rate to about 13 ms, and enable interrupts in general. (This should take 3 lines of code.)

3. Write a line of C code which will clear the Real Time Interrupt flag.