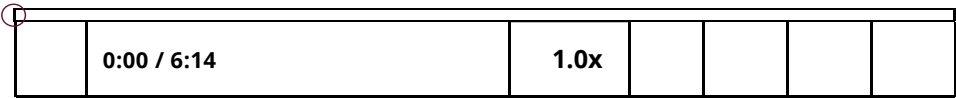Courseware (/courses/UTAustinX/UT.6.01x/1T2014/courseware)   Course Info (/courses/UTAustinX/UT.6.01x/1T2014/info)

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Time is an important factor for embedded systems. The SysTick timer is simple mechanism we can use to measure and control time.

VIDEO 9.1. WORKING OF THE SYSTICK TIMER

Help

JONATHAN VALVANO: The systick device has three device registers.

The first is the control register.

All the registers are 32 bits, and the control register

has three bits down at the bottom.

Bit 0 is the enable bit, which turns it on.

Bit 1 is the interrupt enable bit or arm bit, which enables interrupts.

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SysTick | 9.2 SysTick Timer | UT.6.01x Cours... EdX's free online MOOCs are interactive and subjects include computer science, public health, and artificial intelligence.

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