



## Learning Resources

**Webinar Name:** Introduction to Embedded Systems using MSP430

**Topics Covered:** Embedded system overview, applications, features and architecture considerations - ROM, RAM, timers, data and address bus, I/O interfacing concepts, memory mapped I/O. CISC Vs RISC design philosophy, Von-Neumann Vs Harvard architecture

### Learning Resource Material:

TI Application Note	
Name of Document	Link
MSP430 Family Mixed-Signal Microcontroller Application Reports	<a href="http://www.ti.com/lit/pdf/slaa024">http://www.ti.com/lit/pdf/slaa024</a>
MSP430x5xx Quick Start Guide	<a href="http://www.ti.com/lit/an/slaa395/slaa395.pdf">http://www.ti.com/lit/an/slaa395/slaa395.pdf</a>
Implementing IrDA with the MSP430	<a href="http://www.ti.com/lit/an/slaa202a/slaa202a.pdf">http://www.ti.com/lit/an/slaa202a/slaa202a.pdf</a>

TI Training Videos	
Name of Video	Link
Getting Started with MSP430 LaunchPad -Part 1	<a href="https://training.ti.com/getting-started-msp430-launchpad-part-1">https://training.ti.com/getting-started-msp430-launchpad-part-1</a>
MSP430x2xx Family User's Guide	<a href="http://www.ti.com/lit/ug/slau144j/slau144j.pdf">http://www.ti.com/lit/ug/slau144j/slau144j.pdf</a>
Part 1: Introduction to the MSP430FR4x/FR2x	<a href="https://training.ti.com/introduction-msp430fr4xfr2x">https://training.ti.com/introduction-msp430fr4xfr2x</a>
MSP430 Workshop Series 2 of 12 - Code Composer Studio	<a href="https://training.ti.com/msp430-workshop-series-2-12-code-composer-studio">https://training.ti.com/msp430-workshop-series-2-12-code-composer-studio</a>
MSP430 Ultra-low power microcontroller overview	<a href="https://training.ti.com/msp430-ultra-low-power-microcontroller-overview">https://training.ti.com/msp430-ultra-low-power-microcontroller-overview</a>

TI Web Pages	
Name of Document	Link
MSP430	<a href="http://www.ti.com/llds/ti/microcontrollers_16-bit_32-bit/msp/getting-started.page">http://www.ti.com/llds/ti/microcontrollers_16-bit_32-bit/msp/getting-started.page</a>

