

MSP430 Launchpad

Introduktion av Albert Skog

Todo:

- ▶ Code Composer Studio
- ▶ MSP430
- ▶ Exempelkod



MSP430

≠

ATMEGA

MSP430™16-bit Ultra-Low Power MCUs - Value Line - MSP430G2231 - TI.com

www.ti.com/product/MSP430G2231

TEXAS INSTRUMENTS

Samples & Purchase Cart | Contact Us | TI World

Products Applications Design Support Sample & Buy All Searches Search by part number

TI Home > Semiconductors > Microcontrollers > MSP430™16-bit Ultra-Low Power MCUs > Value Line >


MSP430G2231

Status: ACTIVE

MSP430G2x21, MSP430G2x31 Mixed Signal Microcontroller

Overall Rating: ★★★★★ 4.5 out of 5 8 reviews | Add your review and give us feedback

Datasheet

 **MSP430G2x21, MSP430G2x31 Mixed Signal Microcontroller (Rev. I)** (PDF 1325 KB)
05 Dec 2011

MSP430G2x01, G2x11, G2x21, G2x31 Device Erratasheet (Rev. B) (PDF 209 KB)
02 Dec 2010

MSP430x2xx Family User's Guide (Rev. I) (PDF 4314 KB)
24 Jan 2012

> [View all technical documents \(50\)](#)




Image shown is for reference only.
Other pin/package combinations may be available.

[Samples](#) | [Pricing/Packaging](#) | [Inventory](#)

[Sample or Buy](#)

[Software & Tools](#)

[Technical Documents](#)

[Support & Community](#)

Featured Software/Development Tools

MSP430Ware
Other

MSP430 Capacitive Touch
BoosterPack
Development Board

MSP430™16-bit Ultra-Low Power MCUs - Value Line - MSP430G2231 - TI.com

www.ti.com/product/MSP430G2231

TEXAS INSTRUMENTS

Samples & Purchase Cart | Contact Us | TI World

Products Applications Design Support Sample & Buy All Searches Search by part number

TI Home > Semiconductors > Microcontrollers > MSP430™16-bit Ultra-Low Power MCUs > Value Line >


MSP430G2231

Status: ACTIVE

MSP430G2x21, MSP430G2x31 Mixed Signal Microcontroller

Overall Rating: ★★★★★ 4.5 out of 5 8 reviews | Add your review and give us feedback

Datasheet

 **MSP430G2x21, MSP430G2x31 Mixed Signal Microcontroller (Rev. I)** (PDF 1325 KB) 05 Dec 2011

MSP430G2x01, G2x11, G2x21, G2x31 Device Erratasheet (Rev. B) (PDF 209 KB) 02 Dec 2010

MSP430x2xx Family User's Guide (Rev. I) (PDF 4314 KB) 24 Jan 2012

> View all technical documents (50)

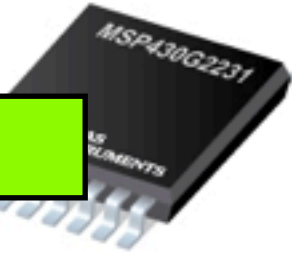


Image shown is for reference only. Other package combinations may be available.

Links | Pricing/Packaging | Inventory

Sample or Buy

Software & Tools

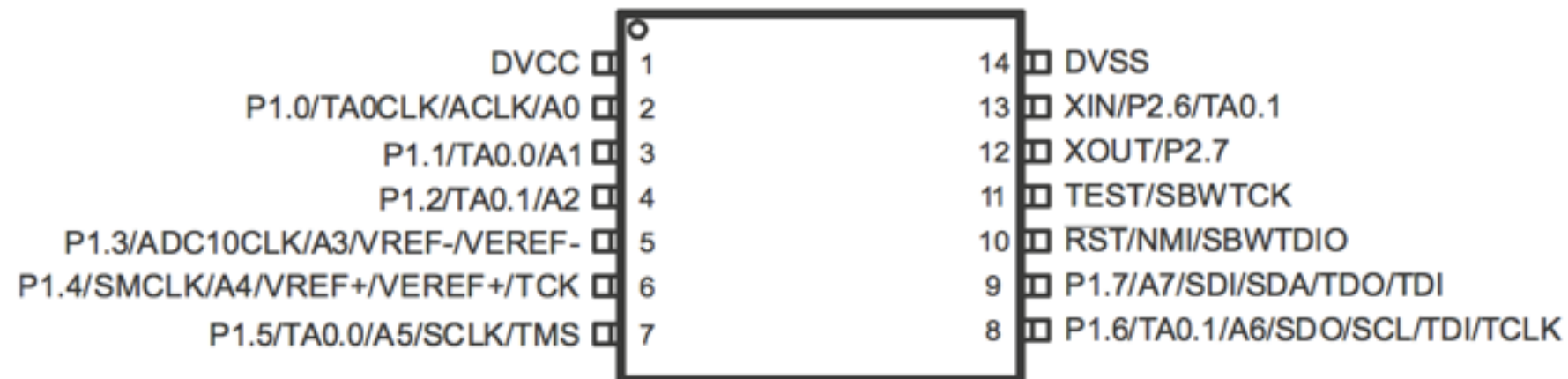
Technical Documents

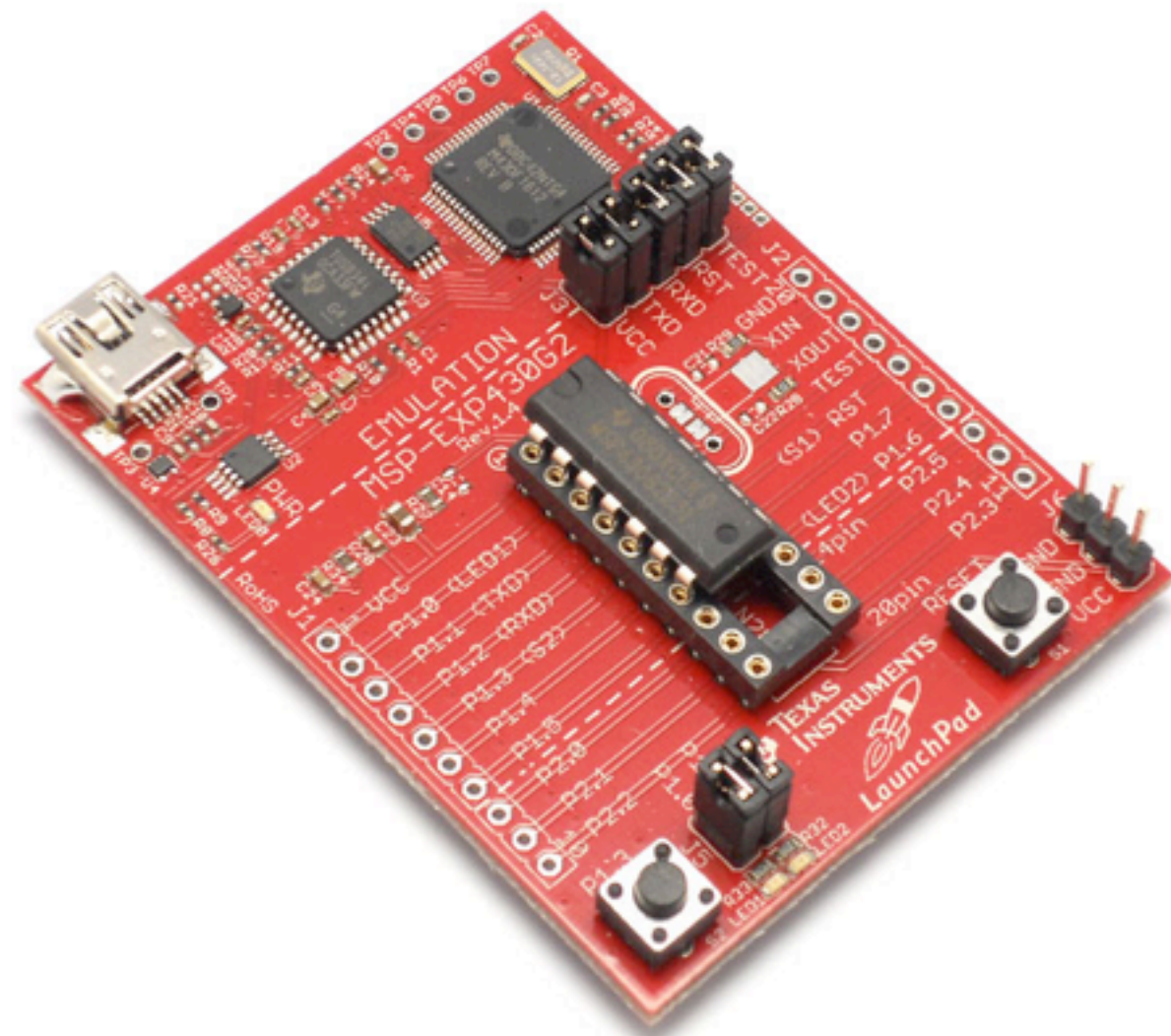
Support & Community

Featured Software/Development Tools

MSP430Ware
Other

MSP430 Capacitive Touch
BoosterPack
Development Board





Exempel I - blink

- ▶ Stäng av watchdog
- ▶ Definiera datariktning
- ▶ Ändra output med bitmatte
- ▶ Skriva delay()-funktion

Exempel II - button

- ▶ Stäng av watchdog
- ▶ Definiera datariktning
- ▶ Ändra output beroende på input

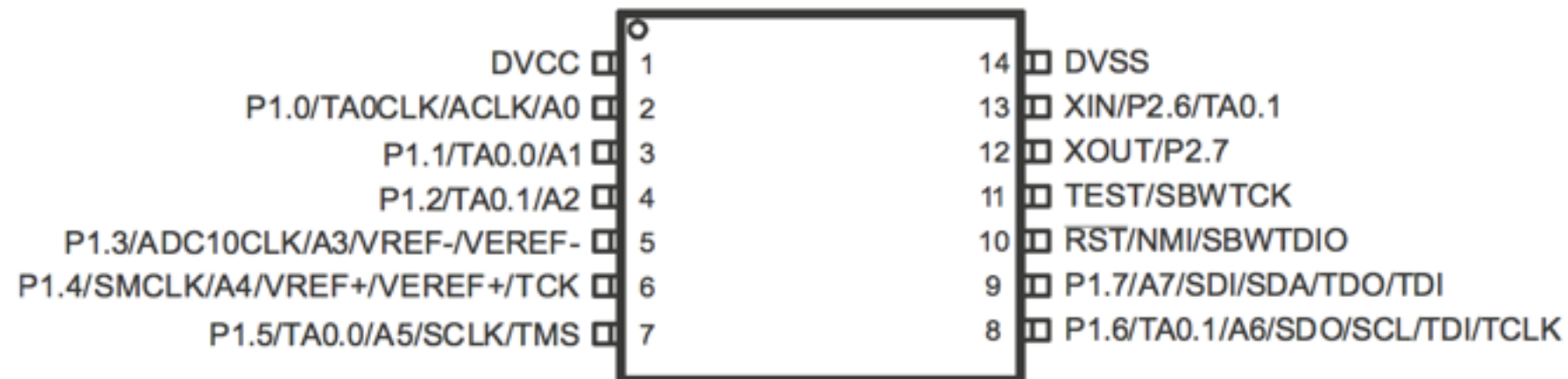
delay()

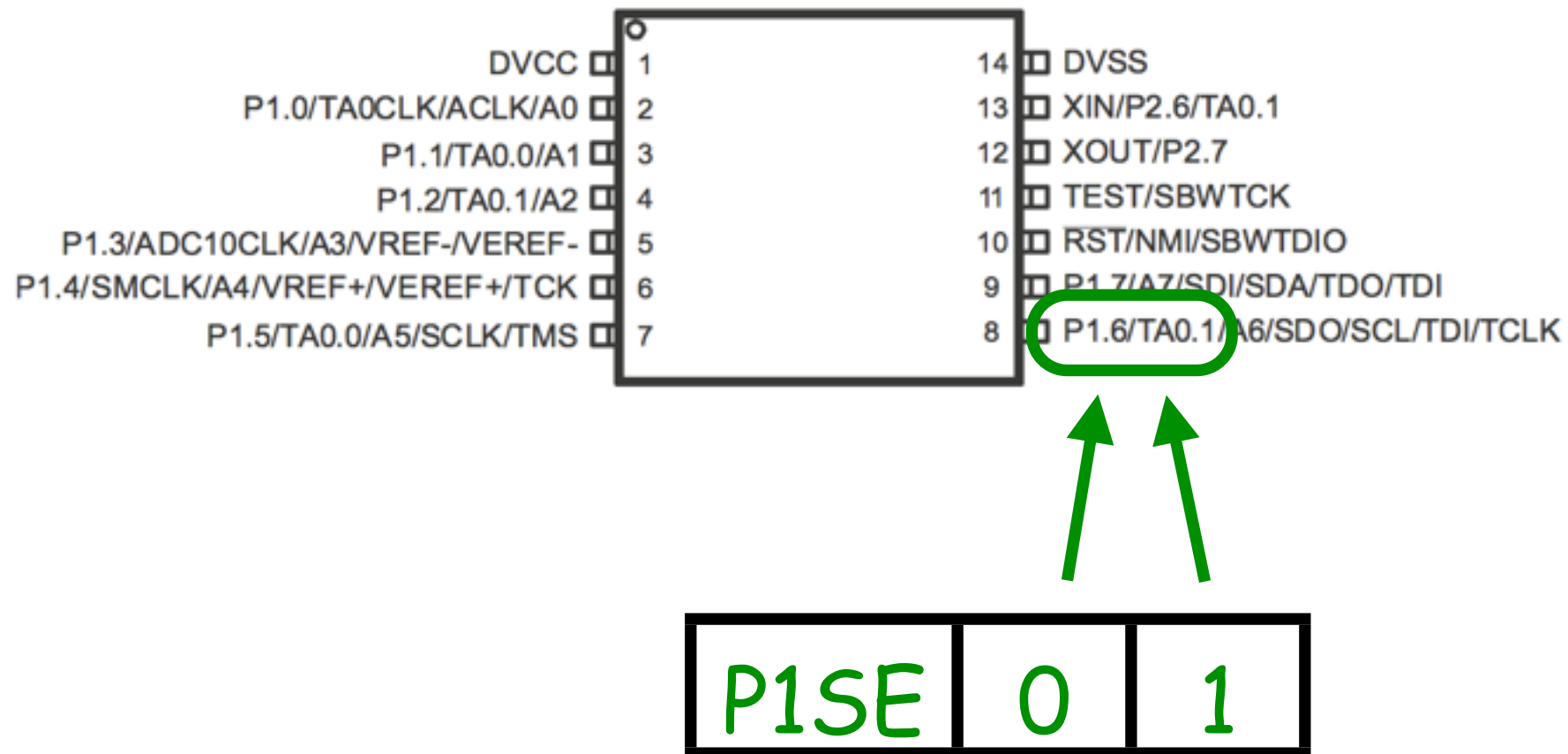
=



Exempel III - blink+button

- ▶ Koppla timer till P1.6
- ▶ Ställ in timer
- ▶ Ändra output beroende på input





Exempel III - blink+button

- ▶ Koppla timer till P1.6
- ▶ Ställ in timer
- ▶ Ändra output beroende på input



interrupts

MSP430 Launchpad

Introduktion av Albert Skog