Cc1310 Datasheet Ti

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Getting Started with TI RTOS and cc1310

TI Tuesday - the NEW LAUNCHXL-CC1310 sub GHz Radio Launchpad*Connect: Why Sub-1 GHz?* ~~Texas Instruments CC1310 LaunchPad - Talk to the Radio with SmartRF Studio~~ Texas Instruments CC1310 LaunchPad - Create New Project in Less than 5 Minutes Understanding MOSFET datasheets: Current Ratings SimpleLink CC1352R Sub-1 GHz + Bluetooth low energy concurrency example *Range test of CC1120 sub-1 GHz performance line* **Develop. Connect. Expand. TI wireless sensor kit Texas Instruments CC1310 LaunchPad - Sensor Controller Engine** *Texas Instruments CC1310 LaunchPad - Range Check Sub-1 GHz SimpleLink™ Sub-1 GHz Sensor to Cloud Development Kit from Element14* ~~More than 100km range with CC1120~~ Easy \u0026 Powerful Arduino Alternative? #2 MSP432 Beginner's Guide *More than 100 km range with no data loss using long range narrowband*

Connect: Zigbee Demo

Connect: Why SimpleLink?~~Connect: Sensor to Cloud + GPS~~ *TI IoT Week, Sensor Node Project Part 1 Getting Started with Texas Instrument's LaunchPad* ~~TI Makes It Easy: C2000™ LaunchPad™ Evaluation Kit~~

Flexible power options for LPSTK-CC1352R: Soldering coin cell battery holder~~Connect: Flow metering demo~~ *Lathe Electronic Leadscrew Part 10: How to Program a TI LaunchPad Microcontroller* Connect: 15.4 stack

SimpleLink Sensor to Cloud Building and Factory Automation Demo

TI Sub-1GHz Wireless Solutions for the IoT Series- Part 3SimpleLink MSP432E4 MCU Sensor to Cloud demo

Connect: Long-range, multi-band sensor networks with LPSTK-CC1352R

Fitting External Antenna on the CC1310 LaunchPad~~Cc1310 Datasheet Ti~~

CC1310 SimpleLink™ Ultra-Low-Power Sub-1 GHz Wireless MCU datasheet (Rev. D)

~~CC1310 data sheet, product information and support | TI.com~~

The CC1310 is a device in the CC13xx and CC26xx family of cost-effective, ultra-low-power wireless MCUs capable of handling Sub-1 GHz RF frequencies. The CC1310 device combines a flexible, very low- power RF transceiver with a powerful 48-MHz Arm®Cortex®-M3 microcontroller in a platform supporting multiple physical layers and RF standards.

~~CC1310 SimpleLink Ultra-Low-Power Sub-1 GHz ... - TI.com~~

CC1310 Datasheet(PDF) - Texas Instruments SimpleLink Ultralow Power Sub-1-GHz Wireless MCU, CC1310 datasheet, CC1310 circuit, CC1310 data sheet : TI1, alldatasheet, datasheet, Datasheet search site for Electronic Components and Semiconductors, integrated circuits, diodes, triacs, and other semiconductors. Electronic Components Datasheet Search

~~CC1310 Datasheet(PDF) - Texas Instruments~~

Datasheet: CC1310 SimpleLink™ Ultra-Low-Power Sub-1 GHz Wireless MCU datasheet (Rev. D) Jul. 23, 2018: Technical articles: FreeWave brings IoT to the oil field using TI's SimpleLink CC13xx and Sitara AM335x devices with Amazon Web Services: May 23, 2018: Technical articles: Create a door and window sensor design using the SimpleLink™ Sub ...

~~LAUNCHXL-CC1310 Evaluation board | TI.com~~

Texas Instruments CC1310 SimpleLink™ Ultra-Low Power Wireless Microcontrollers are a cost-effective, ultra-low power sub-1GHz RF device. It combines a flexible, very low power RF transceiver with a powerful 48MHz Cortex-M3 microcontroller in a platform supporting multiple physical layers and RF standards.

~~CC1310 SimpleLink Ultra-Low Power Wireless MCUs - TI | Mouser~~

Description for the CC1310. The CC1310 device is a cost-effective, ultra-low-power, Sub-1 GHz RF device from Texas Instruments™ that is part of the SimpleLink ™ microcontroller (MCU) platform. The platform consists of Wi-Fi ®, Bluetooth ® low energy, Sub-1 GHz, Ethernet, Zigbee ®, Thread, and host MCUs.These devices all share a common, easy-to-use development environment with a single ...

~~CC1310F64RSMR | Buy TI parts | TI.com~~

The SimpleLink™ Sub-1 GHz CC1310 wireless microcontroller (MCU) LaunchPad™ development kit is the first LaunchPad kit with a Sub-1 GHz radio, which offers long-range connectivity, combined with a 32-bit ARM® Cortex®-M3 processor on a single chip. The CC1310 device is a wireless MCU targeting low-power, long-range wireless applications.

~~LAUNCHXL-CC1310 | Buy TI parts | TI.com~~

1.3 Description The CC1350 device is a cost-effective, ultra-low-power, dual-band RF device from Texas Instruments™ that is part of the SimpleLink™microcontroller (MCU) platform. The platform consists of Wi-Fi®,Bluetooth® low energy, Sub-1 GHz, Ethernet, Zigbee®, Thread, and host MCUs.

~~CC1350 SimpleLink™ Ultra-Low-Power Dual-Band ... - TI.com~~

Data sheet. CC1350 SimpleLink™ Ultra-Low-Power Dual-Band Wireless MCU datasheet (Rev. B) | Online data sheet . User guides. CC13x0, CC26x0 SimpleLink™ Wireless MCU Technical Reference Manual (Rev. I) Errata. CCC1350 SimpleLink™ Wireless MCU Errata (Rev. C) Top. CC1350. ACTIVE. Data sheet Order now. Product details. Parameters Protocols Wireless M-Bus (T, S, C mode) RAM (KB) 28 Flash (KB ...

~~CC1350 data sheet, product information and support | TI.com~~

Data sheet. True System-on-Chip with Low-Power RF Transceiver and 8051 MCU datasheet (Rev. H) Errata. CC1110Fx/CC1111Fx Errata Note (Rev. C) Top. CC1110-CC1111. ACTIVE. Data sheet Order now. Product details. Parameters Protocols Proprietary Frequency bands (MHz) 300-348, 391-464, 782-928 TX power (Max) (dBm) 10 RAM (KB) 4 Flash (KB) 32 CPU core 8051 Peripherals 12-bit ADC 8-channel, 2 SPI, 2 ...

~~CC1110 CC1111 data sheet, product information and ... - TI.com~~

Electronic Manufacturer: Part no: Datasheet: Electronics Description: Texas Instruments: CC1310 [Old version datasheet] SimpleLink Ultralow Power Sub-1-GHz Wireless MCU CC1310 [Old version datasheet] CC1310 SimpleLink Ultra-Low Power Sub-1 GHz Wireless MCU CC1310

~~CC1310 Datasheet, PDF - Alldatasheet~~

The brown-out detector (BOD) has been improved from die Rev A to die Rev B and the CC1310 datasheet restrictions regarding the BOD no longer apply. Restrictions do still apply for die Rev A material. More details regarding this item is found in section 6.7 – Power management in the CC1310 datasheet (SWRS181 update C, footnote 2).

~~Important enhancements for CC1310 ... - TI E2E support forums~~

The preliminary datasheet for CC1310 indicated 4Mbps (GFSK), but the recently published data sheet (SWRS181 - August 15) only has typical data rate 50kbps, with Max Data Rate "TBD". Wonder what the expected maximum data rate would be. Any idea? Also there are references to an Errata (SWRZ062), but the link is broken. Is there anyway I could get hold of this please? Thanks. Deejay . CC1310 ...

~~CC1310 - Max Data Rate? - Sub-1 GHz forum - Sub-1 GHz - TI ...~~

Refer to table 5.1 in the datasheet for absolute maximum ratings for CC1310. For your application I suggest to add an external voltage divider (two resistors) to measure the battery voltage. Adjust the resistor network so that the voltage on the analog input pin never is higher than VDDS.

~~CC1310: Battery voltage monitoring - Texas Instruments~~

The CM0 is used to run the RF commands and is not available directly to the user. An application has to run on the CM3. The CC13x0 has 128 kB of flash, the CC13x2 has 352 kB of flash. The flash memory is used to save the application code.

~~CC1310: M0 MCU specification - TI E2E support forums~~

Abbreviations used in this data sheet are described below. 2-FSK Binary Frequency Shift Keying MSB Most Significant Bit 4-FSK Quaternary Frequency Shift Keying MSK Minimum Shift Keying ACP Adjacent Channel Power N/A Not Applicable ADC Analog to Digital Converter NRZ Non Return to Zero (Coding) AFC Automatic Frequency Compensation OOK On-Off Keying AGC Automatic Gain Control PA Power Amplifier ...

~~Low Power Sub-1 GHz RF Transceiver - TI.com~~

There is no SRAM retention when you put the CC1310 in shutdown mode, so you can't avoid resetting it when waking the device up. For wake up time, please see Table 5-2 from the CC1310 datasheet. I would take a look at the "pinStandby" and "pinShutdown" examples from the SDK. Unfortunately, I am unable to assist you with your code development.

~~CC1310: StandBy Mode or Shutdown Mode - TI E2E support forums~~

Part Number: CC1310. If one has to choose between CC1310 or CC1350, which one will be the better option. Comparing the specs from the datasheet, they both provide almost similar features and power consumption. So which one to go with? I am also thinking in terms of design and other support that is out there which can assist one when designing systems with these two. Any directions or feedback ...

~~CC1310: Which SoC to choose from: CC1310 or ... - e2e.ti.com~~

I have read the news of CC1310 + CC1190 as amplifier. But I have a point misunderstandable. CC1190 is a range extender as shown in cc1190 datasheet. I know range extender as followings. This says if use range extender, we can extend network as possible as we need. It seemed there is something that I don't know exactly about range extender.

~~CC1310: Amplifier problem - Texas Instruments~~

CC1310 Datasheet(HTML) 35 Page - Texas Instruments: zoom in zoom out 35 / 54 page. Pin 1 (RF P) Pin 2 (RF N) Pin 3 (RXTX) Pin 1 (RF P) Pin 2 (RF N) Pin 1 (RF P) Pin 2 (RF N) Red = Not Necessary if Internal Bias is Used. Red = Not Necessary if Internal Bias is Used. Differential Operation. Single-Ended Operation. Single-Ended. Operation With. Antenna Diversity. Pin 3 (RXTX) CC13xx (GND exposed ...