SOFTWARE MANUAL

LibAX5051(AX5051 Support Library)

Version 1.15

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ON Semiconductor®

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1. Introduction

LibAX5051 provides support functions for accessing the AX5051 radio chip. This library provides the higher level functions, while the basic interface setup and device probing functions are contained in LibMF. LibAX5051 is available in source and binary form for SDCC and Keil C51.

2. Radio Functions

2.1. libax5051.h

2.1.1. uint8_t ax5051_pllrange(uint8_t range)

This function performs auto-ranging of the PLL. range specifies the starting range. Unless special requirements dictate otherwise, a starting value of 8 is recommended. It returns the final range in bits 3:0, and an error flag in bit 4.

3. Contact Information

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