

SOFTWARE MANUAL

LibAX5031(AX5031 Support Library)

Version 1.15

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ON Semiconductor®

AX5031 Software Manual

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1. INTRODUCTION

LibAX5031 provides support functions for accessing the AX5031 radio chip. This library provides the higher level functions, while the basic interface setup and device probing functions are contained in LibMF. LibAX5031 is available in source and binary form for SDCC and Keil C51.

2. RADIO FUNCTIONS

2.1. LIBAX5031.H

2.1.1. `UINT8_T AX5031_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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