

SOFTWARE MANUAL

LibAX5042(AX5042 Support Library)

Version 1.15

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ON Semiconductor®

TABLE OF CONTENTS

1. Introduction.....	3
2. Radio Functions	4
2.1. libax5042.h.....	4
2.1.1. uint8_t ax5042_pllrange(uint8_t range)	4
3. Contact Information	5

1. INTRODUCTION

LibAX5042 provides support functions for accessing the AX5042 radio chip. This library provides the higher level functions, while the basic interface setup and device probing functions are contained in LibMF. LibAX5042 is available in source and binary form for SDCC and Keil C51.

2. RADIO FUNCTIONS

2.1. LIBAX5042.H

2.1.1. `UINT8_T AX5042_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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