



Product/Process Change Notice - PCN 09_0144 Rev. -

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This notice is to inform you of a change that will be made to certain ADI products (see Material Report). Any issues with this PCN or requirements to qualify the change (additional data or samples) must be sent to ADI within 30 days of publication date. ADI contact information is listed below.

PCN Title: ADT7470 Data sheet functional description corrections
Publication Date: 21-Jul-2009
Samples Available Date:
Effectivity Date: 21-Jul-2009 *(the earliest date that a customer could expect to receive changed material)*

Description Of Change

Data Sheet sheet updated as follows:

- 1)Removed all references to TMP05 coefficients. Using this function on the ADT7470 affects correct operation of the part.
- 2) Removed all references to Enhanced acoustics, register 0x75. These features are not available on the ADT7470.
- 3)Removed NORM & OOL interrupt mask bits,register 0x73[3] & register 0x72[7]. These bits have no functional effect.
- 4)Removed Fan free wheel test description. This is not functional on the ADT7470.
- 5)Added section on Temperature Data Format.
- 6)Additional detail added to Manual fan speed control & Automatic Fan Speed control sections.
- 7)Added recommendation not to use Automatic fan speed control when temperatures < 8 DegC.
- 8)Deleted 'This bit is not set when the PWM output is off', in description of register 0x42[7:4].

Other minor changes to ADT7470 functional description.

Reason For Change

Changes to the ADT7470 data sheet functional description, to accurately reflect capabilities of the part. ADT7470 data sheets Rev 0,A & B described functionality that was not available on the ADT7470. This information has been removed or corrected in data sheet Rev.C.

Impact of the change (positive or negative) on fit, form, function & reliability

No changes to ADT7470 silicon.

Product Identification *(this section will describe how to identify the changed material)*

Applies to all ADT7470 msterial.

Summary of Supporting Information

ADT7470 Rev.C data sheet

Comments

No changes to the ADT7470 silicon, this PCN refers to corrections to the data sheet.

Supporting Documents

Attachment 1: ADI_PCN_09_0144_Rev_-_ADT7470.pdf

For questions on this PCN, send email to the regional contacts below or contact your local ADI sales representative

Americas: PCN_Americas@analog.com

Europe: PCN_Europe@analog.com

Japan: PCN_Japan@analog.com

Rest of Asia: PCN_ROA@analog.com

Appendix A - Affected ADI Models

Added Parts On This Revision - Product Family / Model Number (4)

ADT7470 / ADT7470ARQZ

ADT7470 / ADT7470ARQZ-REEL

ADT7470 / ADT7470ARQZ-REEL7

ADT7470 / EVAL-ADT7470EBZ

Appendix B - Revision History

Rev	Publish Date	Rev Description
Rev. -	21-Jul-2009	Initial Release

Analog Devices, Inc.

DocId:790 Parent DocId:None