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Boardcon CM3588S System-On Module User Manual

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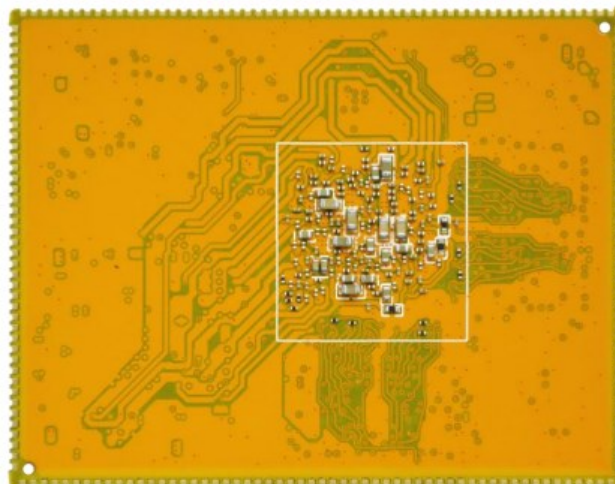
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Introduction

About this Manual

This manual is intended to provide the user with an overview of the board and benefits, complete features specifications, and set up procedures. It contains important safety information as well.

Feedback and Update to this Manual

To help our customers make the most of our products, we are continually making additional and updated resources available on the Boardcon website (**www.boardcon.com**, **www.armdesigner.com**). These include manuals, application notes, programming examples, and updated software and hardware. Check in periodically to see what's new!

When we are prioritizing work on these updated resources, feedback from customers is the number one influence, If you have questions, comments, or concerns about your product or project, please no hesitate to contact us at **support@armdesigner.com**.

Limited Warranty

Boardcon warrants this product to be free of defects in material and workmanship for a period of one year from date of buy. During this warranty period Boardcon will repair or replace the defective unit in accordance with the following process:

A copy of the original invoice must be included when returning the defective unit to Boardcon. This limited warranty does not cover damages resulting from lighting or other power surges, misuse, abuse, abnormal conditions of operation, or attempts to alter or modify the function of the product.

This warranty is limited to the repair or replacement of the defective unit. In no event shall Boardcon be liable or responsible for any loss or damages, including but not limited to any lost profits, incidental or consequential damages, loss of business, or anticipatory profits arising from the use or inability to use this product.

Repairs make after the expiration of the warranty period are subject to a repair charge and the cost of return shipping. Please contact Boardcon to arrange for any repair service and to obtain repair charge information.

CM3588S Introduction

Summary

The CM3588S system-on-module is equipped with Rockchip's RK3588S it has a quad-core Cortex-A76 and a quad-core Cortex-A55 processor, Embedded Mali-G610 MP4 GPU and 6.0 TOPs NPU. It is designed specifically for the high-performance devices such as 8K TV box or recorder, VI devices, intelligent interactive devices, personal computers and robots. The high-performance multimedia processing and acceleration engine solution can help customers to introduce new technologies more quickly and enhance the overall solution efficiency.

Documents / Resources

CM3588S Reference User Manual T1.3830030 Boardcon Embedded Design www.boardcon.com	**Boardcon CM3588S System-On Module** [pdf] User Manual CM3588S, CM3588S System-On Module, System-On Module, Module

References

- ▷ **ARM single board computer, industrial embedded computer design, system on module - Boardcon Embedded Design**
- ▷ **ARM single board computer, industrial embedded computer design, system on module - Boardcon Embedded Design**
- ▷ **ARM single board computer, industrial embedded computer design, system on module - Boardcon Embedded Design**
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