



Design and Technology GmbH

MT-COM

Single Board Computer with Samsung S3C2440 ARM9 CPU

Version 2 Revision 1.0 / 2011-08-12

product specification sheet

Technical data:

- Samsung S3C2440 with ARM920T core, 16 KB I-Cache/16 KB D-Cache and MMU
- 64 or 128 MByte SDRAM with 32 bit data bus
- 128 to 512 MByte NAND flash with 8 bit interface
- 2 x 100 pin narrow pitch connector
- TFT interface 24 bit RGB 1, 2, 4, 8, 16, 24 bits per pixel
- STN interface with 1, 4, 16 levels of gray oder 256, 4096 colors
- 8/16 Bit data und 24 bit address memory interface
- USB 1.1 device
- USB 1.1 host
- SD/MMC-Card or SDIO interface
- I²S audio interface
- Serial (1x with RTS/CTS) up to 115,2 Kbps and TTL level
- I²C-interface
- 8-Bit camera interface according ITU-R BT. 601/656 with up to 4096 x 4096 pixel
- 1 x coin cell holder for CR20XX
- 4 x red SMD LEDs
- Voltage supply: +3.3 VDC / ± 5%
- Operating temperature: -10°C to 85°C
- Dimensions (l x w x h):
99 mm x 59 mm x 9 mm
- Weight: approx. 31 g



CE compliant to the following directives:

EN 55022

EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN610004-6

Subject to technical modifications

ARM9 is a registered trademark of ARM Ltd.

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