

# 3AT1018

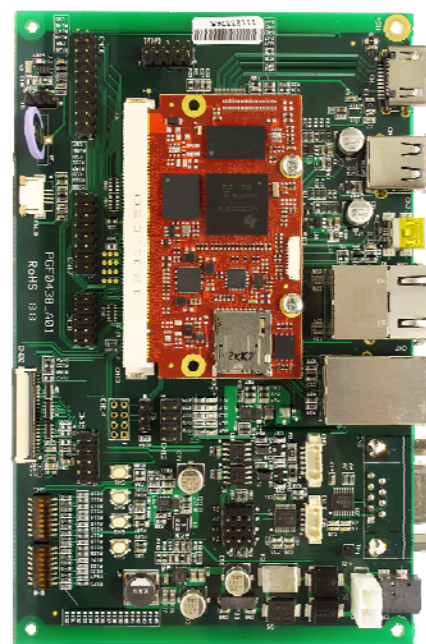
## Evaluation board for System on Module 3SM1002 series AM335x processor

**elettronica GF**

custom embedded devices

### PACKAGE CONTENTS

- Mother Board 3AT1018 for AM335x 3SM1002 SOM
- SOM 3SM1002 series
- 2GB MicroSD
- 12Vdc Adapter
- DVD-ROM with Virtual Machine, SDK linux and User Manual



### BOARD INTERFACE

#### USB

- USB 2.0 HS/FS/LS Host type A connectors
- Mini AB USB 2.0 OTG connector with Dual Role functionality (Host / Device) depending on the inserted cable type

#### ETHERNET

- 10 / 100 Base T RJ45 Connector using on module PHY
- 10/100/1000 Base T RJ45 Connector using an additional PHY on EVB (optional)

#### MULTIMEDIA AND HUMAN INTERFACE\*

- SGX530 3D Graphics Engine
- Parallel video port for an external 18 bpp TTL Display
- HDMI / DVI-D output
- Touch Screen interface (4 wire resistive)

#### AUDIO

- Digital Audio connector (McASP + I2C)

#### OTHER INTERFACES

- 2 x SDIO connectors
- Analog inputs connector
- 2 x RS-232 UART ports
- 2 x CAN ports
- 1 x SPI connector

#### SYSTEM

- Single +12 VDC power supply
- Integrated regulators for all integrated functions
- Power consumption depends on MPU clock frequency / state
- RTC 32 kHz
- Temperature Sensor

#### OPERATING TEMPERATURE

- 0 to +60°C

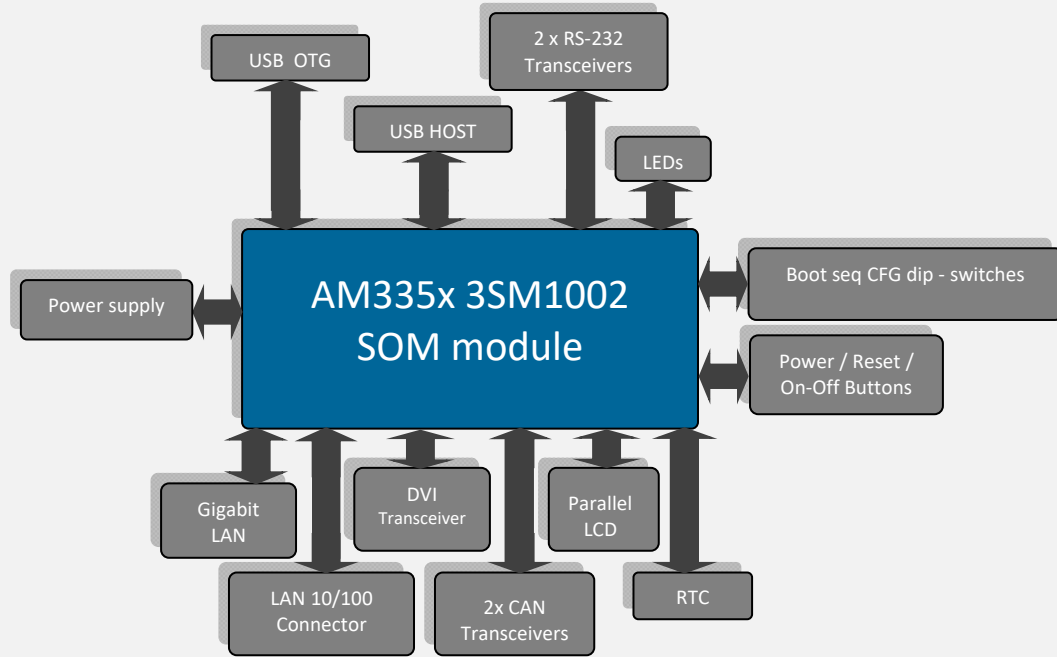
#### OPERATING SYSTEMS

- Linux

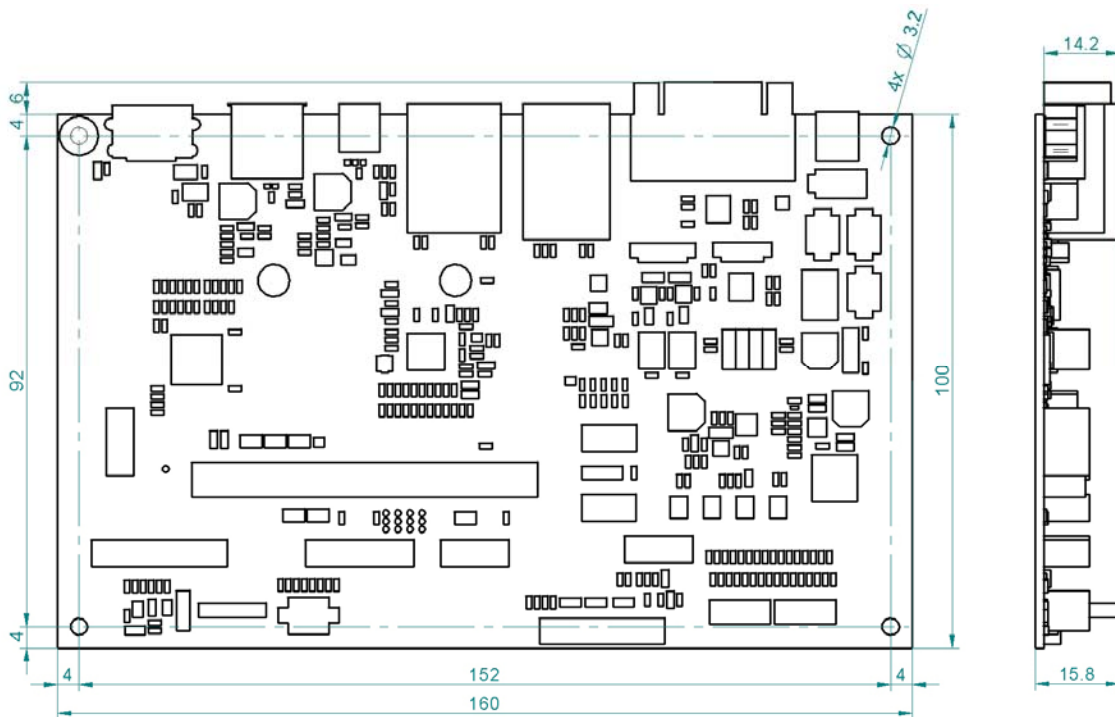
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## BOARD DIAGRAM



## DIMENSIONS



## ORDERING INFORMATION

Part Number	Description
3AT1018_A01	Evaluation board for SOM 3SM1002 series AM335x processor - Linux

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