

# M2M univ. motherboard 1.1

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M2M Universal motherboard is designed for developing and manufacturing M2M applications with GSM modules produced by Siemens. It was designed to provide maximal utilization of all features of modules TC63, TC65, MC75, AC75, XT65, XT75 and even with new " versions. H15/25 modules can be used with cable reduction.

There are pins around the board's borders with all module's interfaces &ndash; GPIO, ADC, I2C/SPI, AUDIO, 2x RS232 and others. No madness with Molex now! Two RS232 channels can be switched to 3V levels if needed. Next, the motherboard features switching power supplies for module powering and charging of attached Lilon accumulator. The motherboard also contains tipping SIM card holder and there is an option for adding external SIM holder with connector.

## Usage:

- application development, debugging
- module testing, firmware upload
- mass production of devices

## Basic parameters:

- dimensions: 89x107x21 mm
- power supply: 7-60 V
- double-sided board
- complete one-sided embed
- ROHS comply

## Accessories:

- user documentation
- detailed snapshot of embedded board's side