

Eastcompeace M2M Card

Eastcompeace M2M Card Introduction

Eastcompeace M2M Card Advantages

- Simpler logistics and reduced costs – the M2M module can be integrated into the hardware at the start of the value chain
- Designed for industry usage – the semicon packaging provides resistance to vibration and humidity
- Highly secure – the M2M SIM delivers all the hard security of smart card, and is manufactured with the same secure processes of smart card
- Customizable Java or Native Platform
- SMD and SIP are provided in packaging to meet all requirements from operators

SMD (Surface Mounted Device)



■ Features:

- More stable under different circumstances
- Invulnerable to theft

Plug-in Card



■ Features:

- Packaged the same as SIM
- Low logistical cost

Popular SMD package

QFN5*5-8

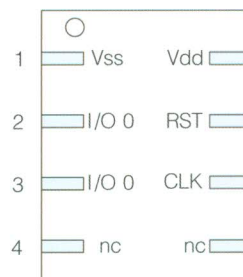
Pin definition:

Pin number	Contact signal	explanation
1	CLK	Clock signal input
2	NULL	undefined
3	RESET	Reset signal input
4	Vdd	Supply voltage input
5	Vss	Ground port
6	NULL	undefined
7	I/O	Data input and output
8	NULL	undefined

5 pins should be connected to the appropriate equipment of the wireless module, 3 pins need not.

QFN5*6-8

Pin definition:

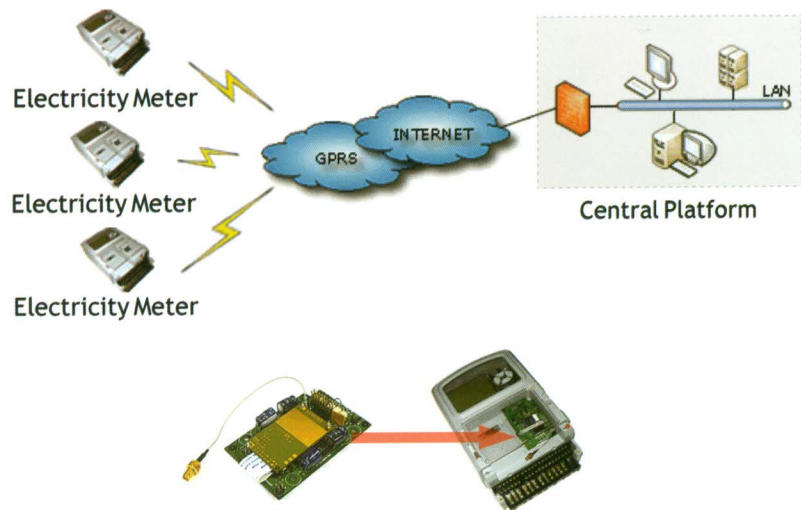


6 pins should be connected to the appropriate equipment of the wireless module, 2 pins need not.

Case Study

Wireless Electricity Metering

Eastcompeace cooperated with China Mobile Guangdong Branch in setting up the M2M POC project in the power supply industry. China Southern Power Grid also joined in the project. The farmer is able to check whether the temperature is suitable for fish breeding.



Environment Monitoring

Eastcompeace offered M2M cards used for temperature monitoring by China Mobile Zhuhai Branch. The monitoring terminals including the data collector were placed under the water in fish pond, and regularly sent the temperature of the water wirelessly to the back-end server. The farmer is able to check whether the temperature is suitable for fish breeding.

