

## Theobroma Systems Design & Consulting GmbH



Theobroma Systems, based in Vienna, Austria, are a leading provider of Engineering Services and Embedded Systems solutions. They provide key technologies and IP for Smart Energy/Home Automation, Identification, and Secure Communications.

### System-On-Modules

#### **RK3368-μQ7**

*μQseven System-on-Module, 64-bit Octa-Core Cortex-A53, based on the Rockchip RK3368 processor.*

Recommended for:

- Visualization and Kiosk
- Data Processing
- Video Processing
- Security
- Networking



#### **RK3399-Q7**

*Hexa-core Cortex-A72/A53 (big.LITTLE) system-on-module*

Recommended for:

- Visualization and Kiosk
- Industrial Control
- Security
- Networking



#### **A64-μQ7**

*μQseven System-on-Module, 64-bit Quad-Core Cortex-A53, featuring the Allwinner A64 processor.*

Recommended for:

- Visualization and Kiosk
- Video Processing
- Industrial Control
- Security
- Networking



## Communication Modules

### Platypus

*Intelligent OFDM nPLC modem for industrial control and networking*



The Platypus module provides robust narrowband powerline communications (nPLC) for industrial control applications. It is built on our proven device platform that enables narrowband powerline communication applications in various form factors. Every device built on the Platypus platform integrates both a next generation, multi-protocol capable and programmable OFDM transceiver, and a general-purpose ARM Cortex-M3 microcontroller.

### Gnat

*868MHz WMBus Module*



The RF-Module integrates a low power RF transceiver, a Cortex-M3 microcontroller and a matched ceramic antenna on a small PCB. The microcontroller provides configurable interfaces and abstracts the details of the RF implementation. Out of the box, a UART and a USB-interface are provided by the microcontroller firmware.

Recommended for:

- Industrial Control
- Sensor Reading
- Metering

### Broadband Technology 2000 Ltd

#### Product Areas

Semiconductors	Wireless/M2M	Sensors	Power	Internet of Things
Mixed Signal IC's	Antennae	MEMS Accelerometers	Super Capacitors	Powerline Communications
Powerline Communications	GSM, GPRS & 3G Modems	MEMS Magnetic Sensors	Power Modules	Narrow & Broadband
RF Interface	3G Routers	MEMS Gyroscopes	Solid State Batteries	
Mixed Signal Active Filter	3G & GPRS Gateways	MEMS Pressure Sensors	<b>Interconnect</b>	
	4G/LTE	<b>RF Microwave</b>	Magnetics	
	GPS Tracking Units	Amplifiers	Cable Assembly	
	RF Cables	Attenuators	Connectors	
	Connectors	Switches		

Rev.9.17