mSure
Smart Energy Metering Demo Kit

Key Features

• A practicable solution of electronic parameters measurement. Based on mSure self-calibration, monitoring and low power wireless communication technology.

• A module based on ADE9153A that can accumulate energy for a dynamic range. High performance integrated ADC.

• Ability to integrate and support wireless data communication for meter and mobile devices.

• NBIOT(SIM7020E) to support long range wireless communication network for cloud big data and analysis.

Parameters

• Operation Voltage: Single phase 85v ~ 265VAC
• Accuracy and dynamic range of load current - Energy variation <0.5%

Applications

• Smart power monitoring
• High power appliances
• Large machine predictive management
• Smart sockets

Deliverables

• BOM, schematics, gerber files, installation guide
• Firmware source code
• Functional demo unit

Contact

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