



# Industry defined. Analog Devices designed.

## In energy metering, analog is everywhere.



### ICs for energy metering designs



**ADE71xx and ADE75xx families:**  
Energy metering core, MCU, flash memory, LCD driver, RTC, and intelligent battery management



**ADF7021:** Narrow-band transceivers extend range, resist interference



**ADM2483:** Isolated RS-485 transceiver supports 500 kbps data rate and 256 nodes on bus



**Blackfin® Processor:**  
Maximizes performance and efficiency in control processing and signal processing applications



**ADE7758:** 3-phase energy measurement IC performs active, reactive, and apparent measurement rms calculations

### Smarter on-chip integration offers superior performance and value

The ideal energy measurement ICs for LCD display meters are here. Our ADE71xx and ADE75xx families represent a technology innovation that offers meter manufacturers and power utilities:

- Intelligent battery control
- LCD contrast control with low dc offset
- Improved meter reliability
- Ultralow battery mode power consumption
- Lower BOM cost with greater design simplicity

Analog Devices smartly integrates leading analog and mixed-signal ICs with application-optimized functionality for unequalled design features. We offer a broad portfolio of energy metering solutions, with an integration road map for continued reliability, size, cost, and power improvements.

With signal processing ICs inside 175 million meters, Analog Devices is the industry's most trusted IC supplier. To learn more about our energy metering ICs, visit our website.



analog is everywhere.™

[www.analog.com/energy](http://www.analog.com/energy)

