ARM reveals what it claims is the most energy efficient microprocessor yet-- the Cortex-MO+, a 32-bit processor the company says uses around 30% of the power a basic 8-bit processor consumes.

It is the successor to the Cortex-MO, the chip carrying the smallest ARM architecture. The MO+ retains the architecture, yet slashes power consumptions to 9µA/MHz on a low-cost 90nm LP process.

ARM says the MO+ chip can find a variety of applications-- not necessarily mobile devices, but home appliances, lighting and power systems and even medical monitoring devices, before pushing towards bringing about the so-called "Internet of Things."

NXP Semiconductors and Freescale already have licenses for the design.

Go ARM Announces ARM Cortex-MO+ Processor