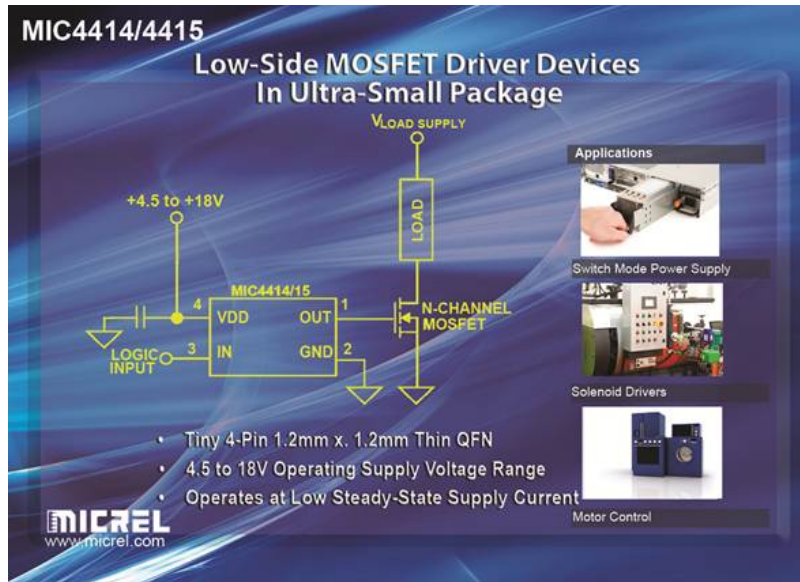


## Drivers designed to switch an N-Channel enhancement-mode MOSFET in low-side applications



Micrel, Inc. introduced the MIC4414/15, two low-side MOSFET drivers designed to switch an N-Channel enhancement-mode MOSFET in low-side applications. The devices are ideal for switch-mode power supplies, solenoid drivers and motor-driver applications. The MIC4414/15 are currently available in volume, and pricing starts at \$0.43 for 1K quantity.

The MIC4414/15 series features a tiny 4-pin 1.2mm x 1.2mm thin QFN package and a 4.5 to 18V operating supply voltage range. It can sink and source peak currents up to 1.5A and is capable of switching a 1000pF load in 12ns. Operating at a low steady-state supply current, the devices feature 77 $\mu$ A control input low and 445  $\mu$ A control input high. The device operates at -40C to +125C-degrees junction temperature range.

### About Micrel, Inc.

[www.micrel.com](http://www.micrel.com) [1]

1 408-944-0800

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[1] <http://www.micrel.com>

