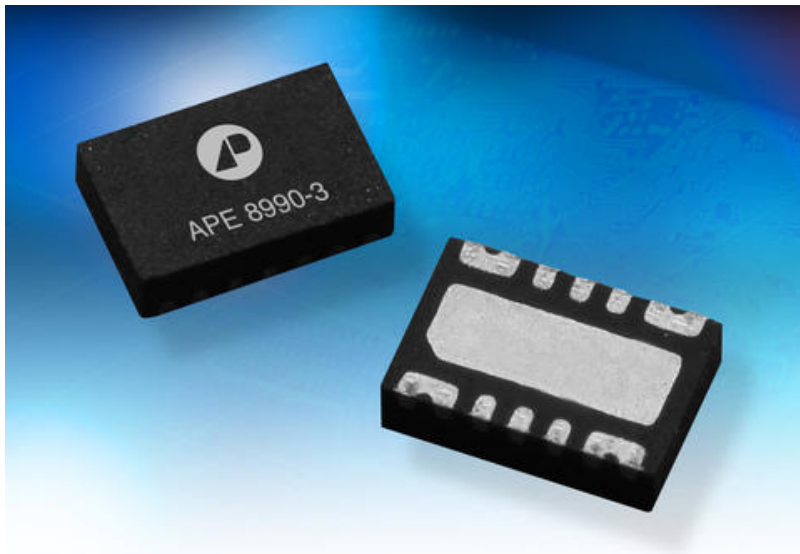


## MOSFETs support a maximum current of 6A



Advanced Power Electronics Corp. (USA) has announced a miniature, ultra-low on-resistance 6A dual load switch. Comprising two N-channel MOSFETs with associated control circuitry, the APE8990-3 has an  $R_{DS(ON)}$  of 20m $\Omega$  and controlled turn on functionality.

The MOSFETs operate over an input voltage range of 0.8 to 5.5V and each support a maximum current of 6A. Each load switch is controlled by an ON/OFF input (ON), which is capable of interfacing directly with the low voltage control signals. Additional features include an on-chip 150 $\Omega$  load resistor for quick output discharge when the switch is turned off. In order to avoid inrush current, the rise time is adjustable using an external ceramic capacitor on the CTx pin.

### Power Electronics Corp.

<http://www.a-powerusa.com> [1]

### Source URL (retrieved on 02/01/2015 - 3:46am):

<http://www.ecnmag.com/product-releases/2013/05/mosfets-support-maximum-current-6a>

### Links:

[1] <http://www.a-powerusa.com/>