



# FunctionPAK

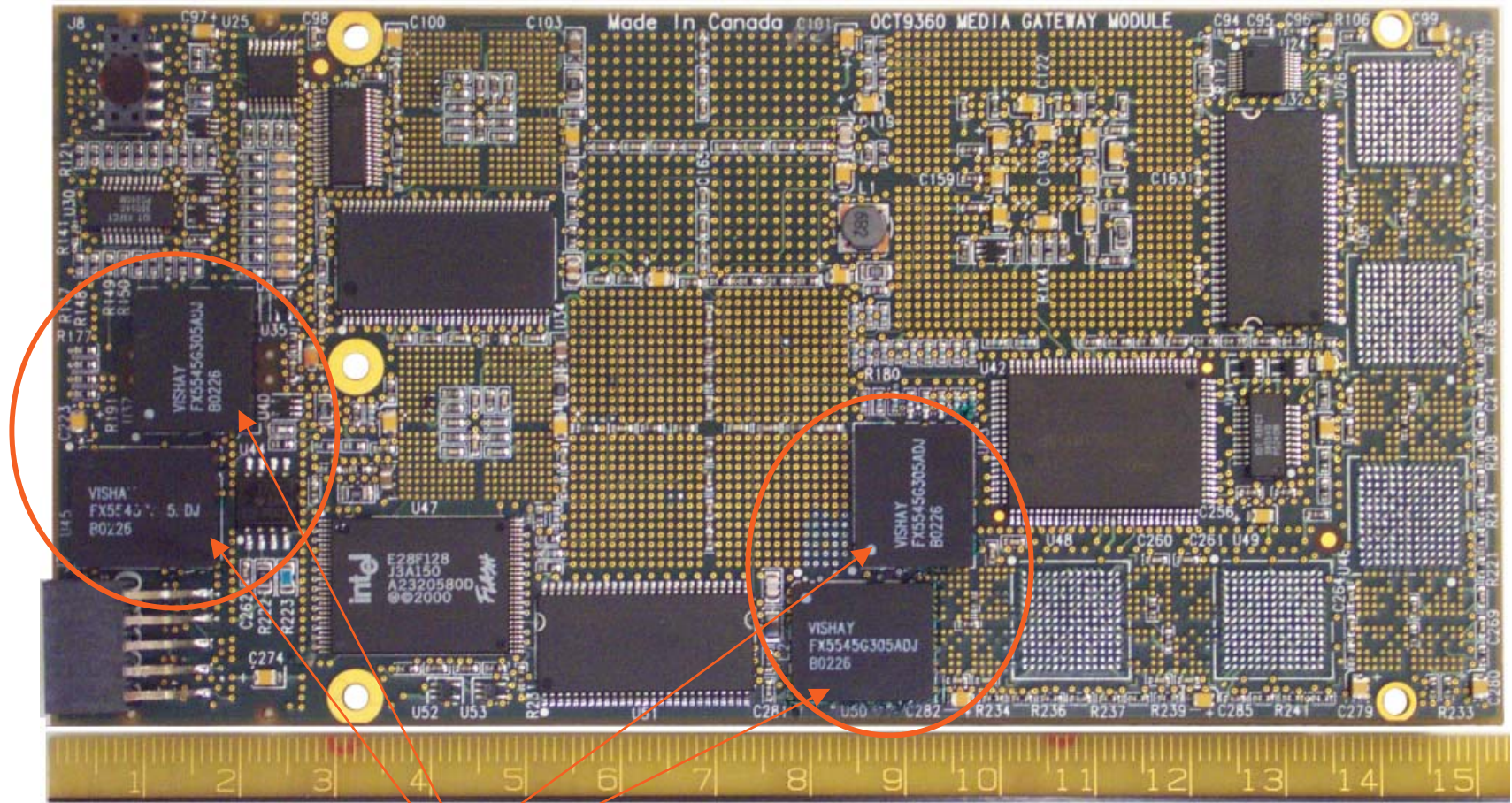


**A System in a Package**  
**Industry's Smallest DC/DC Converter**

## WHAT IS POINT OF LOAD ( POL ) ?

- POL is a distributed power system in which the driver used to power individual devices is placed right alongside the device on the board. On a double-sided board, sometimes it is placed opposite the device, on the other side of the board.
- Attached is a photo of one customer's board using 4 Vishay **FunctionPAK DC-DC converters** in a distributed power Point of Load architecture **on 1 board**.

## FunctionPAK in POL on a customer board



- **FX5545G305ADJ** Buck converter 10 W, 3 Amp

Photo courtesy of Octasic Inc., Montreal, Canada.  
Check [www.octasic.com](http://www.octasic.com) for information on Octasic Inc.