

July 2011: Surface-Mount Technologies

VIEW THE LATEST PRODUCTS & TECHNOLOGIES FOR TODAY'S ELECTRONICS ENGINEER AT WWW.ECNMAG.COM

www.ECNMag.com ■ July 2011

ECN[®]

Advantage
Business Media

Variable Capacitors
Enable Frequency-agile
Tunable Networks
> 10

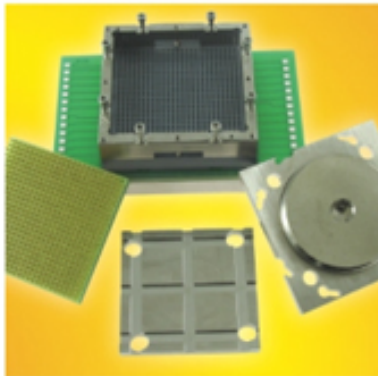


TABLE OF CONTENTS

20 Main Circuit: Surface-Mount Technologies

Thermal Management with Embedded Thin-Film Thermoelectrics

By Dave Koester, Nextreme Thermal
Solutions, Inc., www.nextreme.com
[click here for the complete story](#)



IC Socket Footprint: Why is it Important?

By Ila Pal, Ironwood Electronics,
www.ironwoodelectronics.com
[click here for the complete story](#)

Easing Boundary Scan Into In-circuit Testing

By Adrian Cheong, Agilent Technologies,
www.agilent.com
[click here for the complete story](#)

Probes Connect As Geometries Shrink and Speeds Increase

By Chris Loberg, Tektronix, www.tek.com
[click here for the complete story](#)

12 Application Solutions: Wireless LAN

PCI Express Claims Another Market Segment: Wireless LANs

By Krishna Mallampati, PLX Technology,
www.plxtech.com
[click here for the complete story](#)

Wireless LAN: Building Automation's Missing Link

By Cory Allison Vanderpool, EnOcean
Alliance, www.enocean-alliance.org
[click here for the complete story](#)

14 Titus on Embedded: ESC 2011 Update

By Jon Titus, Senior Technical Editor
[click here for the complete story](#)

18 Special Feature: Trains, Planes & Automobiles

25 Design Talk: Open-Air Applications

[click here for the complete story](#)

28 New Products

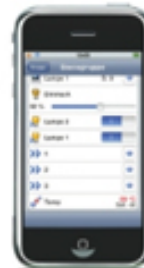
[click here for the complete story](#)

26 Roundtable

[click here for the complete story](#)

34 Brainstorm: Military & Aerospace

[click here for the complete story](#)



Vol. 55 No. 8

Digi-Key

CLICK.
FIND.
BUY.

[1]

This issue of ECN goes into surface-mount technologies including thermal management, an IC socket footprint, and boundary scan. Design Talk deals with open-air applications while Brainstorm discusses green technology in the military. Executive Editor Chris Warner also recaps his experience at the 2011 Sensors Expo.

Check it out [here](#) [1].

Summary:

This issue of ECN goes into surface-mount technologies including thermal management, an IC socket footprint, and boundary scan. Design Talk deals with open-air applications while Brainstorm discusses green technology in the military. Executive Editor Chris Warner also recaps his experience at the 2011 Sensors Expo.

Square Thumbnail Image:



Meta Keywords:

Sensors Expo
ECN

Source URL (retrieved on 01/28/2015 - 5:23pm):

http://www.ecnmag.com/digital-editions/2011/07/july-2011-surface-mount-technologies?qt-video_of_the_day=0

Links:

[1] <http://e-ditionsbyfry.com/Olive/ODE/ECN/Default.aspx?href=ECN%2F2011%2F07%2F01&page=1&view=document>