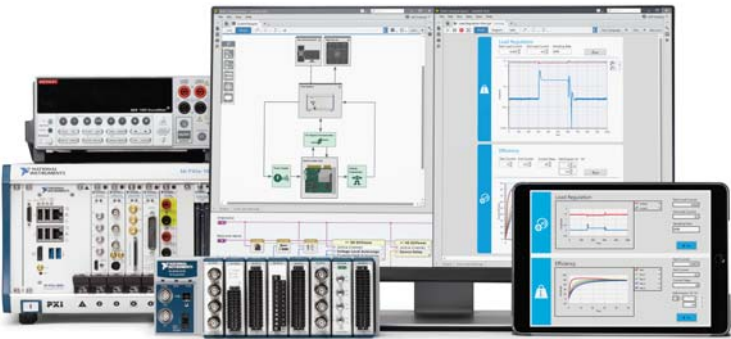


12



DLCAP™ DKA  
Series small  
lead-type EDLC  
(page 31)

52

**DEPARTMENTS**

	AEI NEWS	8
	IN VIEW THIS MONTH	10
	BUSINESS STRATEGY	59
	COMPANY ON THE MOVE	60
	PRODUCT NEWS	72

ASIA ELECTRONICS INDUSTRY (ISSN 1342-422X) is published monthly by Dempa Publications, Inc., 1-11-15 Higashi Gotanda, Shinagawa-ku, Tokyo 141-8715, Japan Tel: +81-3-3445-6111 Fax: +81-3-3445-6890. Editorial e-mail: may@dempa.co.jp;

Subscription e-mail: circulationmanila@dempa.co.jp. The magazine is distributed free to qualified subscribers in ASEAN countries (Thailand, Indonesia, The Philippines, Malaysia, Singapore, Brunei, Vietnam, Myanmar, Cambodia and Laos), as well as Korea, Taiwan and Hong Kong.

Paid air mail subscription is available to non-qualified subscribers in the Asian and Pacific regions for US\$150 per year and US\$260 for two years. For other areas, air mail subscription fees are US\$160 per year and US\$280 for two years. Paid subscription is accepted at <http://aei.dempa.net/paidsub/subscription.html>

Send address corrections to Dempa Publications, Inc., c/o Quantum Solutions (HK) Ltd. Unit 3-6, G/F Pacific Trade Centre, 2 Kai Hing Road, Kowloon Bay, Kowloon, Hong Kong

**TAIWAN:** International Dempa Trade Co. Ltd., 7F, No. 34, Sec. 1, Nanjing East Road., Taipei, Taiwan 104 Tel: +886-2-2563 4595 Fax: +886-2-2567-5559  
**KOREA:** Dempa Publications, Seoul Office, Masters Tower, Room 1404, 553 Dohwa-dong, Mapo-ku, Seoul, Korea, 121-040, Tel: +82-2-714-2983 Fax: +82-2-714-2984  
**PHILIPPINES:** Dempa Publications, Inc. - Regional Headquarters, Herrera Tower, Room 2510, 98 V.A. Rufino Street, Salcedo Village, Makati City, Philippines, Tel: +63-2-845-0906 Fax: +63-2-845-1829

President & Publisher: Tsutomu Hirayama  
Copyright © 2018 by Dempa Publications, Inc.

All rights reserved. The contents of this magazine may not be reproduced in whole or in part without the prior permission of the copyright owner. Printed in Hong Kong.

**SPECIAL REPORT:**

Various Application Fields Benefit from NI's LabVIEW NXG	12
Test Solutions Rise up as 5G Service Comes Closer	16
Ultra-Low-Noise Amplifier Challenges Limit of Signal Detection	19
Light Spectrum Measurement Brightens Optical-Related Uses	22

**TECH FOCUS**

Mesopores Set to Boost Performance of EDLCs	26
Robust Electrolytic Capacitors Resist Car's Harsh Environments	29
Eco-Friendly EDLC Supports Cars' Energy Requirement	31
The Industry's First Dual-Mode LPWA-Compliant Wireless Communication IC	34

**COMPONENT MATERIALS**

**SMT's: IN REVIEW**

**PRODUCT HIGHLIGHT**

NPU-Based AI Chip Showcases Field Trainability	44
Fujitsu Rolls Out CMOS Design Kit Optimized for mmWave Bands	46

**TECHNOLOGY HIGHLIGHT**

**INDUSTRY REPORT**

**TECH INNOVATION & APPLICATION**

NXP Completes Automotive Radar Portfolio for ADAS, Self-Driving Cars	50
Qualcomm Takes Broader Steps to Address Challenges in 5G Run	51

**IN THE KNOW**

High-Grade Technology Alternatives for TFT-LCD Show Potentials	53
--	----

**ZOOM-IN**

**TOP INTERVIEW**

**SHOW REPORT**

SEMICON Korea 2018	62
NEPCON Japan 2018	64