





DEPARTMENTS

6	AEI NEWS	8
0	IN VIEW THIS MONTH	10
(©)	TECHWATCH	12
MAN	BUSINESS STRATEGY	43
F	COMPANY ON THE MOVE	45
	PRODUCT NEWS	56

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;

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 Quantium Solutions (HK) Ltd. Unit 3-6, G/F Pacific Trade Centre, 2 Kai Hing Road, Kowloon Bay, Kowloon, Hong Kong

EDITOR IN CHIEF: MASAHARU HASEGAWA

EDITORIAL TEAM:
TARO OHASHI, SENIOR EDITOR
TETSUYA SAITO, REPORTER
XU ROU DI, REPORTER
KAZUTAKA MISHIMA, REPORTER
D.J. KANG, REPORTER
TRICIA HUANG, TAIPEI CORRESPONDENT
CRISTIAN CANOZA, MANILA REPORTER

INTERNATIONAL OFFICES

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: Tetsuo Hirayama Copyright © 2017 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.



IN FOCUS

Strong Automotive, Industrial Segments Propel IMI Growth	14
SPECIAL REPORT:	
Capacitor Trends	
Development of High-Performance Capacitors Reaches Full Throttle	15
Capacitors Bank on Strength of Power Electronics _	
TECH FOCUS	
Middle Case Size Bridges Murata's MLCC	
Miniaturization Path High-Speed Automotive Connectors Hinge on	19
Passenger Safety, Comfort	22
IN THE KNOW	
5G Fulfills Unparalled Ultra-Broadband Connection _	25
COMPONENT MATERIALS	29
SMT's: IN REVIEW	31
TECHNOLOGY HIGHLIGHT	34
PRODUCT HIGHLIGHT	38
INDUSTRY REPORT	40
CORPORATE CLOSE-UP	42
TOP INTERVIEW	44
ZOOM-IN	46
SHOW REPORT	48

AEI Chinese Edition(pp.59~82)

INDUSTRY REPORT

- 60 SMT/SMD 技术新动向
- 62 电容器向高性能化发展
- 63 日企力推混合电容器, 积极对应车载, 产业设备等高发展市场
- 64 印刷线路板

SPECIAL REPORT

- 65 今后需要关注的技术/创新柔性混合电子技术
- 67 面向 IoT/ 大数据的信息通讯技术
- 70 从用途看连接器市场的最新动向

TECHNOLOGY FOCUS

- 74 尼吉康, 面向新能源车市场, 积极开发电容器新部品
- 76 显示技术最新动向

PRODUCT HIGHLIGHT

- 79 TDK 迎合高速成长市场, 提供高性能产品
- 81 尼吉康、致力先进技术和新产品的开发,助力汽车·环保产业发展
- 82 广濑电机 (HRS), 抓住市场先机, 推出多种连接器新方案

BUSINESS STRATEGY

80 尼吉康的中国市场战略