



	DEPARTMENTS	
6	AEI NEWS	08
0	IN VIEW THIS MONTH	40
Ŵ	COMPANY ON THE MOVE	41
	BUSINESS STRATEGY	43
~	PRODUCT NEWS	48

NEPCON ASIA

Strong Market Push Lifts Automation to New Heights	
Japan Unix	12
JUKI	14
FUJI	16
Panasonic	18
Rexxam	22

TECH FOCUS

Components Packaging Evolves With CASE Trends	_ 24
Advanced Devices Shape Future of Communications	
Technologies	26
Novel Package Format Amplifies Conductive Density	28
Triple-Gate IGBT Power Chip to Lower Switching	
Loss	31
COMPONENT MATERIALS	_ 33
SMTs: IN REVIEW	34
TECHNOLOGY HIGHLIGHT	
Trillion-Node Engine IoT Platform Hinges	
on No-Solder Connectors	_ 36
PRODUCT HIGHLIGHT	
Air Sensor Eyes to Deter Virus Spread, Targets Wide Fields	37
Cutting-Edge ICs Innovate In-Vehicle	_ 37
Camera Modules	38
	_ 30
ZOOM-IN	
Hokuriku Electric Advocates Environmental	
Sustainability	_ 42
SHOW REPORT	
Display Week 2021	_ 44
TECHNO-FRONTIER 2021	_ 46

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 https://www.dempa.co.jp/en/pdfs/orderform.pdf

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 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, Room 1019, Punglim VIP Tel, 404, Gongdeuk-dong, Mapo, Seoul, Korea 04144, Tel: +82-2-714-2983 Fax: +82-2-714-2983 Publications, Inc. - Regional Headquarters, Herrera Tower, Room 2510, 98 V.A. Rufino Street, Salcedo Village, Makati City, Philippines, Tel: +63-2-8845-0906 Fax: +63-2-8845-1829

President & Publisher: Tsutomu Hirayama Copyright © 2021 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 China.