

Information note

N° 075/21

Dear customer,

With this Infineon Technologies AG information note, we would like to inform you about the following

Introduction of Additional Lead Frame Supplier for Acadia/Comanche Products at ASE Electronics (M) Sdn. Bhd., Bayan Lepas, Malaysia



On 16 April 2020, Infineon acquired Cypress.
We are now in the process of merging and consolidating our tools and processes for PCN, Information Notes, Errata and Product Discontinuance.
For further details, please visit our website:
<https://www.infineon.com/cms/en/about-infineon/company/cypress-acquisition/>

Infineon Technologies AG

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Chairman of the Supervisory Board Dr. Wolfgang Eder

Management Board Jochen Hanebeck (CEO), Constanze Hufenbecher, Dr. Sven Schneider, Andreas Urschitz, Dr. Rutger Wijburg

Registered office Neubiberg Commercial register Amtsgericht München HRB 12649

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► **Products affected** Please refer to attached affected product list 1_cip07521

► **Detailed change information**

Subject Introduction of Additional Lead Frame Supplier for Acadia / Comanche Products at ASE Electronics (M) Sdn. Bhd., Bayan Lepas, Malaysia

Reason To further improve and assure continuity of supply by qualifying new lead frame supplier.

Description	<u>Old</u>	<u>New</u>
1 st Source supplier	■ Dynacraft Industries Sdn Bh	■ Dynacraft Industries Sdn Bh
2 nd Source supplier	■ NIL	■ HAESUNG D

► **Product identification** Traceability is ensured via date code and Baunumber.

► **Impact of change**

- There is no change in form, fit and function
- Both suppliers are fully qualified

► **Attachments**

1_cip07521: Affected product list
2_cip07521: Qualification report

► **Intended start of delivery** 2022-07-01

If you have any questions, please do not hesitate to contact your local sales office.

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Electronics (M) Sdn. Bhd., Bayan Lepas, Malaysia



Affected products sold to FUTURE ELECTRONICS INC. (4000624)

Sales name	SP number	OPN	Package	Customer part number
IR35215MTRPBF	SP001607028	IR35215MTRPBF	PG-VQFN-40-901	IR35215MTRPBF

Introduction of Additional Lead Frame Supplier for Acadia/Comanche Products at ASE Electronics (M) Sdn. Bhd., Bayan Lepas, Malaysia)



Objective To qualify alternate Leadframe source HDS for QFN 40L 5X5 package at ASEM. Current Leadframe supplier is DCI.
Affected package/ product: QFN 40L 5X5/ IR35215MASE, IR3564BM, IR3570AM and IR3570BM

Reason for choosing following test vehicle: IR35215TRPBF (QFN 40L 5X5) & IR3570AMTRPBF (QFN 40L 5X5) - Mechanical and electrical representative.

Assessment of Q-Results PASS

Reference Products				IR35215MTRPBF-Acadia		IR3570AMTRPBF-Comanche
Test description	Abbr.	Condition	Readout	Lot #: 155IN21B01	Lot #: 155IN22B01	Lot #: 155IN26B01
Solderability JESD22-B102	SD	Steam Age + Solder Dip + Look	Visual inspection	0F/ 10	0F/ 10	0F/ 10
Temperature Cycling JESD22 A104	TC	Ta min = -55°C Ta max = +150°C	0 cyc 250 cyc 500 cyc 1000 cyc	0F / 77 0F / 77 0F / 77 0F / 77	0F / 77 0F / 77 0F / 77 0F / 77	0F / 77 0F / 77 0F / 77 0F / 77
Unbiased Temperature/Humidity JESD22 A118	uHAST	Ta = 130°C RH = 85%	0 h 96 h	0F / 77 0F / 77	0F / 77 0F / 77	0F / 77 0F / 77
Pre-Condition (including CSAM Analysis) JEDEC J-STD-020/ JA113	PC	MSL2 @ 260°C 3x Reflow	Pre Post	0F / 22 0F / 22	0F / 22 0F / 22	0F / 22 0F / 22

Abbreviations - not performed



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