

# 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



Registered office Neubiberg Commercial register Amtsgericht München HRB 12649

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**

Postal address D-81726 München Internet <a href="www.infineon.com">www.infineon.com</a> Headquarters Am Campeon 1-15, D-85579 Neubiberg Phone +49 (0)89 234-0 Chairman of the Supervisory Board Dr. Wolfgang Eder

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

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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 Old

**New** 

1<sup>st</sup> Source supplier

Dynacraft Industries Sdn Bh

Dynacraft Industries Sdn

2<sup>nd</sup> 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

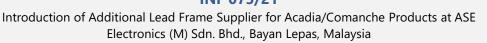
1\_cip07521: Affected product list 2\_cip07521: Qualification report

Intended start of delivery

2022-07-01

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

## INF 075/21





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





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

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	тс	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



Sales name	SP number	OPN	Package
IR35215MCC01TRP	SP001673986	IR35215MCC01TRP	PG-VQFN-40-901
IR35215MCC02TRP	SP001715942	IR35215MCC02TRP	PG-VQFN-40-901
IR35215MTRPBF	SP001607028	IR35215MTRPBF	PG-VQFN-40-901
IR3570BMCC01TRP	SP001526334	IR3570BMCC01TRP	PG-VQFN-40-901
IR3570BMTRPBF	SP001531460	IR3570BMTRPBF	PG-VQFN-40-901



Sales name	SP number	OPN	Package



Sales name	SP number	OPN	Package



Sales name	SP number	OPN	Package