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Product Change Notification - JAON-14PIGR452

Date: 22 Dec 2016
Product Category: Ethernet PHYs
Notification subject: CCB 2802 Initial Notice: Qualification of 48L LQFP (7x7mm) package with 120x120mils lead frame paddle size for selected Micrel products at TICP assembly site.
Notification text: **PCN Status:**
 Initial notification

Microchip Parts Affected:

Please open the attachments found in the attachments field below labeled as PCN_#_Affected_CPN.

NOTE: For your convenience Microchip includes identical files in two formats (.pdf and .xls).

Description of Change:

Qualification of 48L LQFP (7x7mm) package with 120x120mils lead frame paddle size for selected Micrel products at TICP assembly site.

Pre Change:

Using lead frame with 100x100mils lead frame paddle size

Post Change:

Using lead frame with 120x120mils lead frame paddle size

Pre and Post Change Summary:

| | Pre Change | Post Change |
|----------------------------------|----------------|----------------|
| Assembly Site | TICP | TICP |
| Wire material | Ag wire | Ag wire |
| Die attach material | EN4900 | EN4900 |
| Molding compound material | CEL9200 | CEL9200 |
| Lead frame material | C7025 | C7025 |
| Lead frame paddle size | 100 x 100 mils | 120 x 120 mils |

Impacts to Data Sheet:
None

Change Impact:
None

Reason for Change:
To improve productivity by qualifying lead frame with 120x120mils lead frame paddle size.

Change Implementation Status:
In Progress

Estimated Qualification Completion Date:
April 2017

Note: Please be advised the qualification completion times may be extended because of unforeseen business conditions however implementation will not occur until after qualification has completed and a final PCN has been issued. The final PCN will include the qualification report and estimated first ship date.

Time Table Summary:

| | December 2016 | | | | | -> | April 2017 | | | |
|--------------------------|---------------|----|----|----|----|----|------------|----|----|----|
| Workweek | 48 | 49 | 50 | 51 | 52 | | 14 | 15 | 16 | 17 |
| Initial PCN Issue Date | | | | X | | | | | | |
| Qual Report Availability | | | | | | | | X | | |
| Final PCN Issue Date | | | | | | | | X | | |

Method to Identify Change:
Traceability code

Qualification Plan:
Please open the attachments included with this PCN labeled as PCN_#_Qual Plan.

Revision History:
December 22, 2016: Issued initial notification.

The change described in this PCN does not alter Microchip's current regulatory compliance regarding the material content of the applicable products.

- Attachment(s):**
- [PCN_JAON-14PIGR452_Qual Plan.pdf](#)
 - [PCN_JAON-14PIGR452_Affected CPN.pdf](#)
 - [PCN_JAON-14PIGR452_Affected CPN.xls](#)

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Affected Catalog Part Numbers (CPN)

| PCN_JAON-14PIGR452 |
|--------------------|
| CATALOG_PART_NBR |
| KSZ8081MLXCA |
| KSZ8081MLXCA-TR |
| KSZ8081MLXIA |
| KSZ8081MLXIA-TR |
| KSZ8091MLXCA |
| KSZ8091MLXCA-TR |
| KSZ8091MLXIA |
| SPNY801146 |
| SPNY801146-TR |
| SPNY801151 |
| SPNY801151-TR |
| SPNZ801146 |
| SPNZ801146-TR |
| SPNZ801151 |
| SPNZ801151-TR |