

PCN tracking number
PCN_2024_008
Date of issue
28/11/2024

Process or Product Change Notice (PCN)

Customer information

Process identification:
CHA2494-QEG ; CHA6005 –QEG ; CHP4012-QEG ; CHP4014 –QEG ; CHR3364 –QEG ; CHT4016 –QDG ; CHA2066-QAG ; CHA3656 –QAG ; CHA3664 –QAG ; CHA3666-QAG ; CHS5105-QAG ; CHT3091 –QAG ; CHT4660 –QAG ; CHT4690 –QAG ; CHW4313-QAG ; CHA4861 ; CHP3010A-QFG ; CHA3024 –QGG ; CHA4220-QGG CHA2069 –QDG ; CHA2411-QDG ; CHP3015 –QDG ; CHR2411 –QDG ; CHR3762 –QDG ; CHR3763-QDG ; CHV2411-QDG ; CHV3241 –QDG ; CHX3068 –QDG ; CHA2441-QDG ; CHE1260-QDG ; CHE1270-QDG ; CHT4694-QDG ; CHA2110-QDG ; CHA2595 –QDG ; CHA3395 –QDG ; CHA3396 –QDG ; CHA3397–QDG ; CHA3398 –QDG ; CHA3688A –QDG ; CHA4105-QDG ; CHA4350-QDG ; CHA5115-QDG ; CHA5266-QDG ; CHR3662-QDG ; CHR3693-QDG ; CHT4012-QDG ; CHT4699 –QDG ; CHX1162-QDG ; CHX1191 –QDG ; CHA6194 –QXG ; CHA6356-QXG ; CHA6362 –QXG ; CHA6550-QXG ; CHA6552 –QXG ; CHA6653-QXG ; CHA4253-QQG
Description of change:
Change of the Lead frame sourcing for QFN assembly
Reason for change:
Lead frame supplier obsolescence management Phase out of the Lead frame manufacturing site
Risk analysis & test plan:
The risk is foreseen as low The change is not expected to jeopardize product performance nor reliability formerly assessed
Lead frame critical dimension, composition & finishing material are the same → Single potential risk identified is poor adhesion between Lead frame with Mold Compound, Wire bonds and Die Attach The risk has been mitigated by the UMS internal qualification plan (see attached presentation)
Anticipated impact on form, fit, function, reliability or environment
No expected impact on fit, form, function, reliability nor environment but change in QFN assembly BOM ie lead frame change
Implementation date for change
The switch to the new qualified lead frame will be carried out progressively based on the depletion of the current lead frame material inventory
Date of Last Buy Order proposal:
NA

Customer RICHARDSON

Name

Decision

date

Reference document JEDEC46: Customer Notification of Product/Process Changes by Semiconductor Suppliers

Lack of acknowledgement of the PCN within 30 days will constitute acceptance of the change.

After acknowledgement, lack of additional response within the 90 days period will constitute acceptance of the change.

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Form Reference: Template_10S_Process_or_Product change