

Overview

The purpose of this notification is to announce a change to the 44L TQFP (PTQS) package lead formation.

Description

Holt Integrated Circuits' qualified subcontractor CEI, has retooled the lead formation for the 44L TQFP (PTQS) from the shape and tolerances associated with Figure 1 to the shape and tolerances associated with Figure 2. There is no change to the external physical dimensions of the package or the overall 13.9 mm foot print.

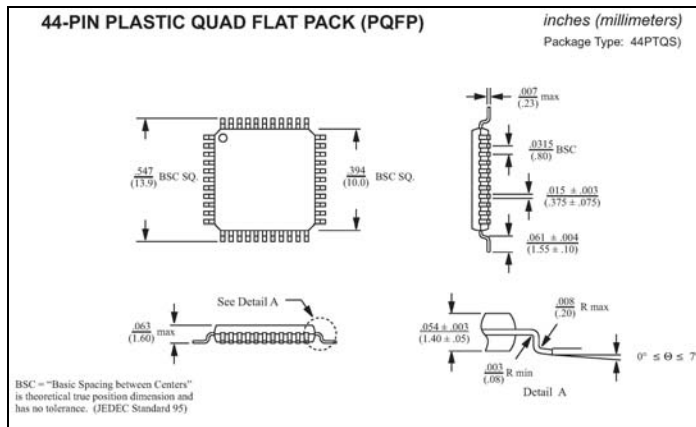


Figure 1) Current Lead Tolerances and Shape

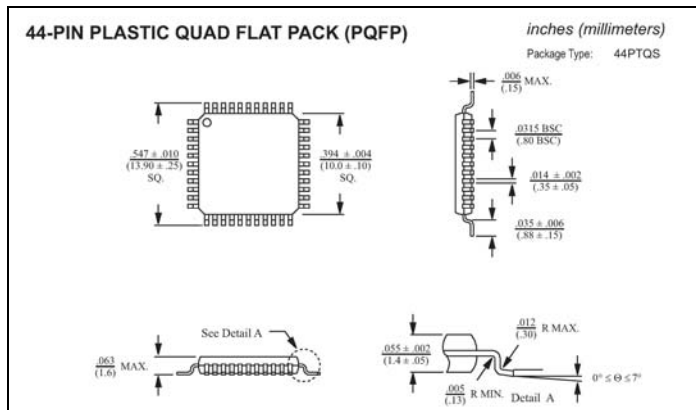


Figure 2) Retooled Lead Tolerances and Shape

The PCN Change type is to FIT (Lead Tolerances) and Form (Lead Shape). There is no change to Function, Quality or Reliability.

Reason

To make the lead formation for the 44L TQFP (PTQS) package similar to the previous Holt MQFP (PQS) package configuration.

Products Affected

Table 1 summarizes the products affected by this PCN. All parts listed are affected by this change.

Table 1: Products Affected

3282PQI	8282APQI-10	8448PQIF-10	8448PQTF-10	3585APQI	3585APQT	3588APQI
3282PQI-10	8448PQIF	8448PQI-10	8448PQT-10	3585APQIF	3587APQI	

Traceability

A Date Code facilitates package traceability. Parts from Table 1 will be shipped with a date code of 0820 or later, beginning Aug 28, 2008.

Qualification Data

Reliability Test	Requirement	Comment QBS to QR-0813 Rev 1.0
Device Characterization	Final Test yield analysis over -55°C and +125°C temperature extremes.	180/0
Precondition (PC)	MSL 3	11/0
PC + HAST	96 hrs	45/0
PC + Autoclave	96 hrs	45/0
PC + Temp Cycle	1000 cycles	45/0
PC + HTS	1000 hrs	45/0

Response

Note: In accordance with JESD46-C, this change is deemed accepted by the customer if no acknowledgement is received within 30 days from this notice.

No response is required. For additional information or questions, please contact:

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Additional Documentation

Below is a list of documents that are associated with this notice:

QR-0813 Rev. 1.0 44L TQFP Package Qualification CEI, Thailand

Revision History

The following table shows the revision history for this document.

Date	Version	Revision Description
5/28/08	1.0	Initial Release