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PCN #135
Notification Date: 30 March 2012

Product / Process Change Notice

Parts Affected:

All semiconductor devices currently manufactured in the TLM322 case.

Extent of Change:

The leadframe used to manufacture the TLM322 case has been changed to allow device singularization to be performed by sawing instead of punching.

Reason for Change:

To streamline the manufacturing process, increase the overall throughput, and reduce cost.

Effect of Change:

To distinguish devices manufactured using the sawn leadframe process, an “S” suffix has been added to both the case type and device part #'s. The new case type is identified as TLM322S.

No electrical differences.

No changes required in PCB layout or mounting.

Qualification:

Standard evaluation and qualifications completed resulting in no performance differences compared to current product.

Effective Date of Change:

March 1, 2012.

Part Numbers Affected:

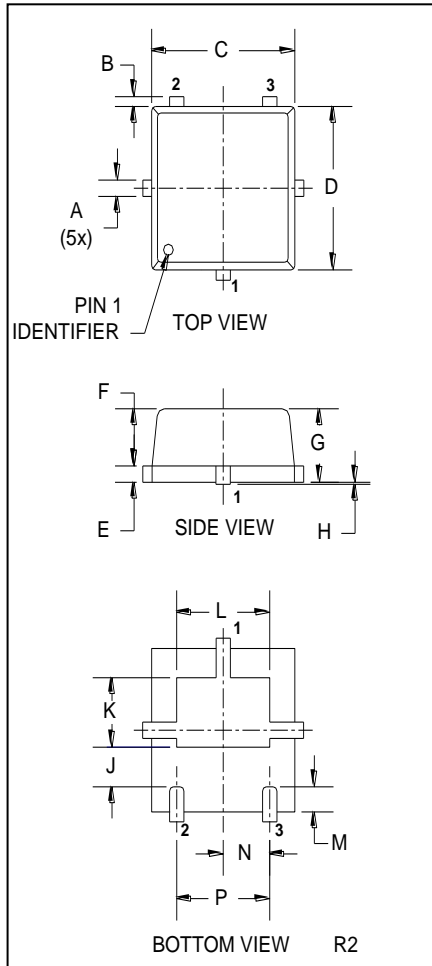
The status of the existing part numbers listed below will be changed to Discontinued and the replacement devices will begin full production in March 2012.

Existing Part #'s (TLM322 Case)	New Part #'s (TLM322S Case)
CTLSH1-40M322	CTLSH1-40M322S

Sample Availability:

Please contact Salesperson or Manufacturer's Representative.

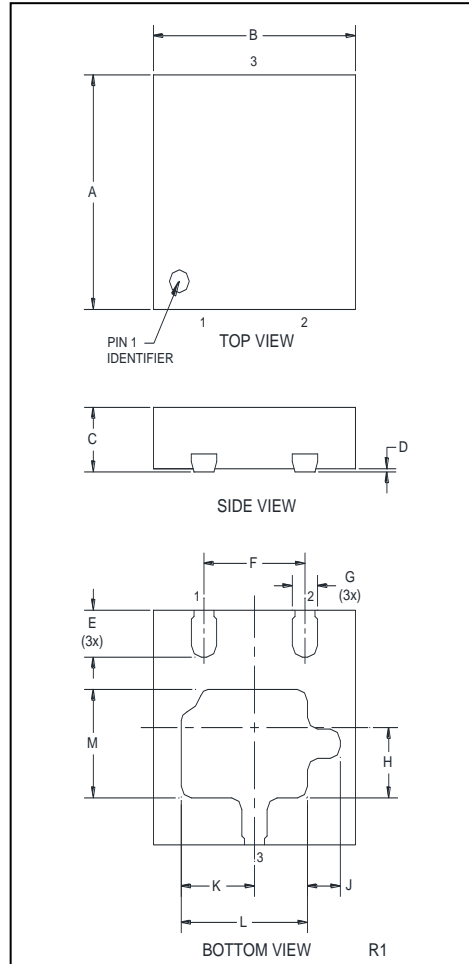
Figure 1: TLM322 Mechanical Outline



SYMBOL	DIMENSIONS			
	INCHES		MILLIMETERS	
	MIN	MAX	MIN	MAX
A	0.007	0.012	0.17	0.30
B	---	0.005	---	0.125
C	0.075	0.083	1.90	2.10
D	0.075	0.083	1.90	2.10
E	0.006	0.010	0.15	0.25
F	0.026	0.030	0.65	0.75
G	0.031	0.039	0.80	1.00
H	0.000	0.002	0.00	0.05
J	0.024		0.60	
K	0.031	0.035	0.79	0.89
L	0.048	0.056	1.22	1.42
M	0.008	0.018	0.20	0.45
N	0.026		0.65	
P	0.051		1.30	

TLM322 (REV:R2)

Figure 2: TLM322S Mechanical Outline



SYMBOL	DIMENSIONS			
	INCHES		MILLIMETERS	
	MIN	MAX	MIN	MAX
A	0.076	0.081	1.95	2.05
B	0.076	0.081	1.95	2.05
C	0.019	0.024	0.50	0.60
D	0.000	0.002	0.00	0.05
E	0.011	0.020	0.30	0.50
F	0.039		1.00	
G	0.007	0.012	0.18	0.30
H	0.017	0.028	0.45	0.70
J	0.008	0.017	0.22	0.43
K	0.024	0.033	0.62	0.83
L	0.043	0.054	1.10	1.35
M	0.030	0.041	0.77	1.03

TLM322S (REV:R1)