

Product / Process Change Notice

Parts Affected:

All semiconductor devices currently manufactured in the TLM833 case.

Extent of Change:

The leadframe used to manufacture the TLM833 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 TLM833S.

No electrical differences.

No changes required in PCB layout or mounting.

Same suggested mounting pad.

Qualification:

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

Effective Date of Change:

May 1, 2010.

Part Numbers Affected:

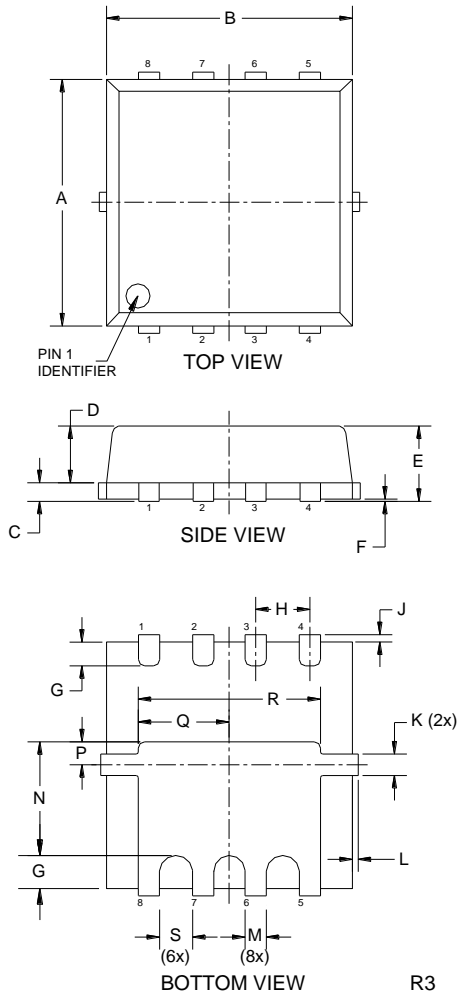
The status of the existing part numbers listed below will be changed to EOL (End of Life) and the replacement devices will begin full production in May 2010.

Existing Part #'s (TLM833 Case)	New Part #'s (TLM833S Case)
CTLSH3-30M833	CTLSH3-30M833S
CTLSH5-40M833	CTLSH5-40M833S
CTLT853-M833	CTLT853-M833S
CTLT953-M833	CTLT953-M833S

Sample Availability:

Please contact Salesperson or Manufacturer's Representative.

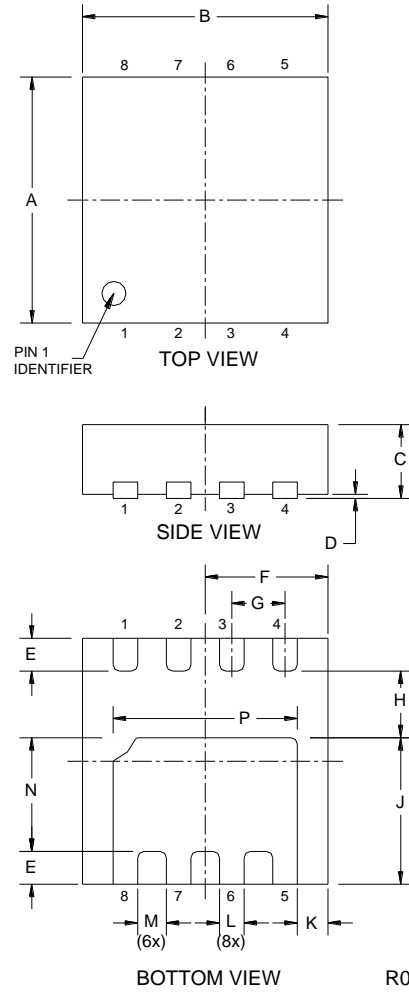
Figure 1: TLM833 Mechanical Outline



SYMBOL	INCHES		MILLIMETERS	
	MIN	MAX	MIN	MAX
A	0.114	0.122	2.90	3.10
B	0.114	0.122	2.90	3.10
C	0.006	0.010	0.15	0.25
D	0.026	0.030	0.65	0.75
E	0.031	0.039	0.80	1.00
F	0.000	0.002	0.00	0.05
G	0.008	0.018	0.20	0.45
H	0.026		0.65	
J	---	0.005	---	0.125
K	0.007	0.012	0.17	0.30
L	---	0.005	---	0.125
M	0.011	0.015	0.29	0.39
N	0.049	0.057	1.25	1.45
P	0.006	0.014	0.15	0.35
Q	0.040	0.048	1.01	1.21
R	0.085	0.093	2.16	2.36
S	0.012	0.016	0.30	0.40

TLM833 (REV:R3)

Figure 2: TLM833S Mechanical Outline



SYMBOL	INCHES		MILLIMETERS	
	MIN	MAX	MIN	MAX
A	0.112	0.124	2.85	3.15
B	0.112	0.124	2.85	3.15
C	0.031	0.039	0.80	1.00
D	0.000	0.002	0.00	0.05
E	0.012	0.020	0.30	0.50
F	0.056	0.062	1.43	1.57
G	0.026		0.65	
H	0.030	0.033	0.75	0.85
J	0.065	0.073	1.65	1.85
K	0.012	0.016	0.30	0.40
L	0.010	0.014	0.25	0.35
M	0.012	0.016	0.30	0.40
N	0.047	0.057	1.20	1.45
P	0.081	0.091	2.07	2.32

TLM833S (REV:R0)