

**TSS0230U / TS4448 RGG / BAS16 /UDZS-Series /LL4148L --  
comparison report**

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Reversion for A

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Comparison report

	Before	After	comment
Parameter / Mechanical	<b>TSS0230U RGG</b> CJ=1.5pF	<b>TSS0230U RGG</b> CJ=18pF	Revise TSC Datasheet , supplier product no change
	<b>TS4448 RGG</b> IFRM=300mA	<b>TS4448 RGG</b> Delete: IFRM=300mA	TSC specification , will removed
	<b>BAS16</b> <u>trr=3ns@IF=10mA,IR=10mA,RL=100Ω, IRR= 1mA</u>	<b>BAS16</b> <u>Trr=4nS@IF=10mA, IR = 60mA,IRR= 10%IR RL=100Ω</u>	Product no change , revise datasheet
	<b>UDZS3V6B thru UDZS36B</b> NA	<b>UDZS3V6B thru UDZS36B</b> <b>MECHANICAL DATA</b> - Case: Flat lead SOD-323F small outline plastic package - Terminal: Matte tin plated, lead free, solderable per MIL-STD-202, Method 208 guaranteed - High temperature soldering guaranteed: 260°C/10s - Polarity: Indicated by cathode band  - Weight: 4.594 mg (approximately)	

**TSS0230U Test data**

PN	TSS0230U
package	0603
D/C	GF1601
parameter	C <sub>j</sub>
spec	VR=1V,f=1.0MHz
Sample-1	13.37
Sample-2	13.28
Sample-3	13.36
Sample-4	13.44
Sample-5	13.48
Average	<b>13.386</b>

**BAS16 test data**

Lot	Trr(4nS) at I <sub>F</sub> = 10 mA , I <sub>R</sub> = 60 mA , I <sub>RR</sub> = 10%I <sub>R</sub> RL=100Ω									
	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩
SLOB3P070 2SO2	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
SLOB3P060 1SO1	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
SLOB3P070 2SO1	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4