

<b>PCN Number:</b>	20150625000	<b>PCN Date:</b>	07/01/2015
<b>Title:</b>	Datasheet update for TS5A22362/TS5A22364		
<b>Customer Contact:</b>	<a href="#">PCN Manager</a>	<b>Dept:</b>	Quality Services
<b>Change Type:</b>			
<input type="checkbox"/>	Assembly Site	<input type="checkbox"/>	Design
<input type="checkbox"/>	Assembly Process	<input checked="" type="checkbox"/>	Data Sheet
<input type="checkbox"/>	Assembly Materials	<input type="checkbox"/>	Part number change
<input type="checkbox"/>	Mechanical Specification	<input type="checkbox"/>	Test Site
<input type="checkbox"/>	Packing/Shipping/Labeling	<input type="checkbox"/>	Test Process
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Bump Site
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Bump Material
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Bump Process
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Fab Site
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Fab Materials
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Fab Process

### PCN Details

#### Description of Change:

Texas Instruments Incorporated is announcing an information only notification, etc.

The product datasheet(s) is being updated as summarized below.

- The TS5A22362, TS5A22364 datasheet is being split into two datasheets to clarify the operation of the shunt resistor on the TS5A22364. The datasheets were reformatted to comply with the new TI standards. This includes adding a detailed design procedure section, a power supply recommendations as well as guidelines.
- For the TS5A22364:
  - Added shunt resistor current limit to the absolute maximum ratings table
  - Added recommended shunt resistor power limits
- In addition, for both the TS5A22362, TS5A22364:
  - Changed RON max specification at 2.7 V supply from 1.04  $\Omega$  to 1.3  $\Omega$
  - Changed TON max specification at 2.3 V-2.7 V and 3 V – 3.6 V supply from 80 ns to 120 ns
  - Clarified test conditions for positive supply current
  - Updated input/output swing table supply voltages to be consistent with the supply voltages in the electrical specification tables

The datasheet number will be changing.

Device Family	Change From:	Change To:
<a href="#">TS5A22362/TS5A22364</a>	SCDS261E	<a href="#">SCDS261F for TS5A22364</a>
		<a href="#">SCDS364A for TS5A22362</a>

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/ts5a22362>

<http://www.ti.com/product/ts5a22364>

#### Reason for Change:

To more accurately reflect device characteristics.

#### Anticipated impact on Fit, Form, Function, Quality or Reliability (positive / negative):

No anticipated impact. This is a specification change announcement only. There are no changes to the actual device

#### Changes to product identification resulting from this PCN:

None.

<b>Product Affected:</b>			
TS5A22362DGSR	TS5A22362DRCT-NM	TS5A22364DGSR	TS5A22364DRCR
TS5A22362DGSRG4	TS5A22362YZPR	TS5A22364DGSRG4	TS5A22364YZPR
TS5A22362DRCR			

For questions regarding this notice, e-mails can be sent to the regional contacts shown below or your local Field Sales Representative.

<b>Location</b>	<b>E-Mail</b>
USA	<a href="mailto:PCNAmericasContact@list.ti.com">PCNAmericasContact@list.ti.com</a>
Europe	<a href="mailto:PCNEuropeContact@list.ti.com">PCNEuropeContact@list.ti.com</a>
Asia Pacific	<a href="mailto:PCNAsiaContact@list.ti.com">PCNAsiaContact@list.ti.com</a>
Japan	<a href="mailto:PCNJapanContact@list.ti.com">PCNJapanContact@list.ti.com</a>