

## Taiwan Semiconductor Co., Ltd.

### Product Discontinuing Notification

<b>1. PDN No.:</b>	<b>QPDN11005</b>
<b>2. To:</b>	Sales, Customers
<b>3. Issued by:</b>	PMD
<b>4. Issue date:</b>	2011-5-19
<b>5. Affected product/ product family:</b>	<b>6. Recommended replacement:</b>
Adjustable Precision Shunt Regulator TS2431 Series <ul style="list-style-type: none"> <li>- TS2431CT (TO-92)</li> <li>- TS2431ACT (TO-92)</li> <li>- TS2431BCT (TO-92)</li> <li>- TS2431CX (SOT-23)</li> <li>- TS2431ACX (SOT-23)</li> <li>- TS2431BCX (SOT-23)</li> <li>- TS2431CY (SOT-89)</li> <li>- TS2431ACY (SOT-89)</li> <li>- TS2431BCY (SOT-89)</li> <li>- TS2431CS (SOP-8)</li> <li>- TS2431ACS (SOP-8)</li> <li>- TS2431BCS (SOP-8)</li> </ul>	Adjustable Precision Shunt Regulator TS431 Series <ul style="list-style-type: none"> <li>- TS431CT (TO-92)</li> <li>- TS431ACT (TO-92)</li> <li>- TS431BCT (TO-92)</li> <li>- TS431CX (SOT-23)</li> <li>- TS431ACX(SOT-23)</li> <li>- TS431BCX(SOT-23)</li> <li>- TS431CS (SOP-8)</li> <li>- TS431ACS (SOP-8)</li> <li>- TS431BCS (SOP-8)</li> </ul>
<b>7. Reason for discontinuing:</b>	
<ul style="list-style-type: none"> <li>- No demand since year 2008</li> </ul>	
<b>8. Last time buy/ order entry:</b>	<b>2011-6-20</b>
<b>9. Last shipment date:</b>	<b>2011-7-20</b>
<b>10. Please let us know if you have any question/ comment:</b>	
<b>11. Customer feedback required latest:</b> <b>(should we receive no feedback, the change will be deemed as accepted!)</b>	<b>2011-6-20</b>
<b>12. Approved by:</b>	<b>Chris Lin</b> <b>Jean Fang</b>

## Customer Approval Form:QPDN11005

(Please tick the field what is valid for you!)

<input type="checkbox"/> <b>We agree with this proposed change and its schedule.</b>			
<input type="checkbox"/> <b>We have objections</b>			
<input type="checkbox"/> <b>We need more information:</b>			
<input type="checkbox"/> <b>We need sample:</b>			
<b>Company:</b>			
<b>Name:</b>			
<b>Address:</b>			
<b>Signature:</b>			<b>Date:</b>

(QWS58283A)