

**Discontinuation Notice of MEMS Absolute Pressure Sensor of model  
2SMPB-02D, 2SMPB-02E and 2SMPB-02E-100.****Product Discontinuation**

MEMS Absolute Pressure Sensor

**Model 2SMPB-02D  
Model 2SMPB-02E  
Model 2SMPB-02E-100****Recommended Replacement**

No recommended replacement

**[ Final order entry date ]**

The end of November, 2021

**[ Date of The Last Shipping ]**

The end of March, 2022


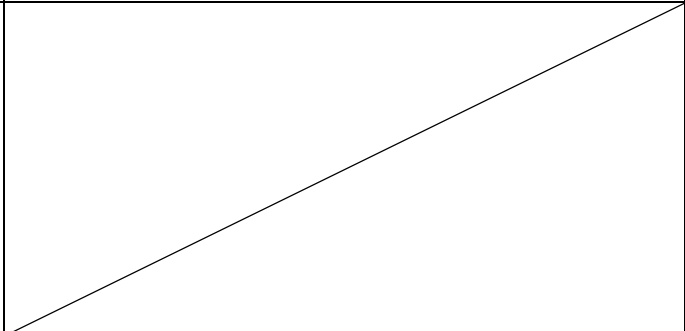
**[ Caution on recommended replacement ]**

No recommended replacement.

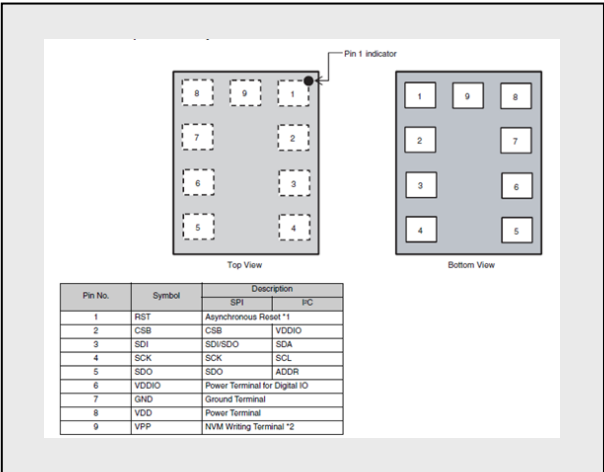
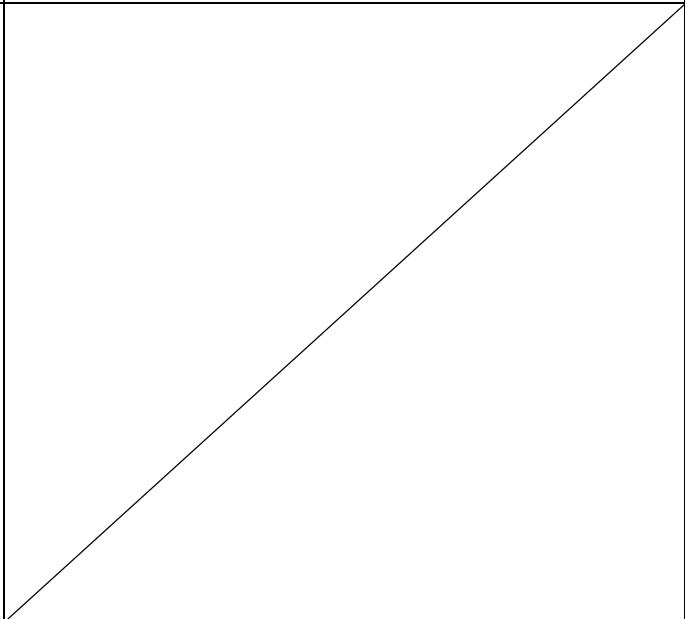
**[ Product Discontinuation and recommended replacement ]**

Product discontinuation	Recommended replacement
2SMPB-02D	No recommended replacement
2SMPB-02E	No recommended replacement
2SMPB-02E-100	No recommended replacement

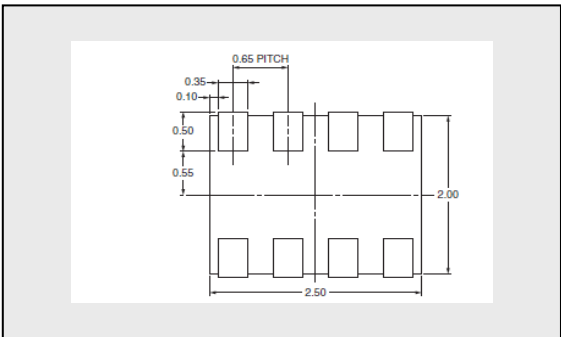
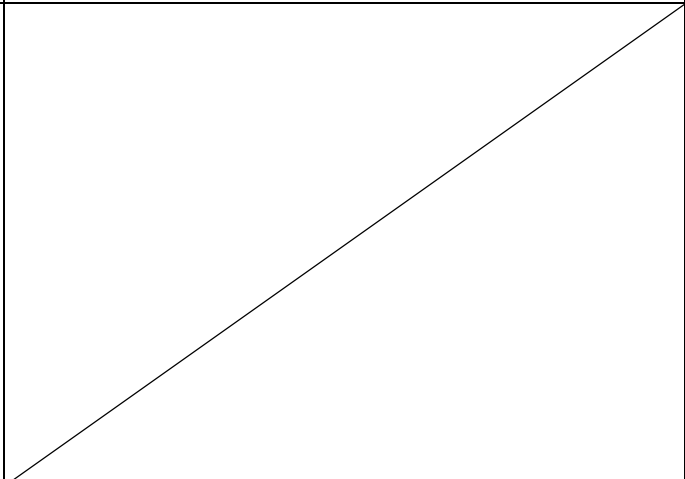
[ Body color ]

<p><b>Product discontinuation</b>  <b>Model 2SMPB-02D, Model 2SMPB-02E, Model 2SMPB-02E-100</b></p>	<p><b>Recommendable replacement</b>  <b>No recommended replacement</b></p>
<p>Outline</p> 	

[ Wire connection ]

<p><b>Product discontinuation</b>  <b>Model 2SMPB-02D, Model 2SMPB-02E, Model 2SMPB-02E-100</b></p>	<p><b>Recommendable replacement</b>  <b>No recommended replacement</b></p>																																										
<p>Pin Description and Layout</p>  <table border="1" data-bbox="220 1189 507 1346"> <thead> <tr> <th rowspan="2">Pin No.</th> <th rowspan="2">Symbol</th> <th colspan="2">Description</th> </tr> <tr> <th>SPI</th> <th>PC</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>RST</td> <td>Asynchronous Reset *1</td> <td></td> </tr> <tr> <td>2</td> <td>CSB</td> <td>CSB</td> <td>VDDIO</td> </tr> <tr> <td>3</td> <td>SDI</td> <td>SDVSDO</td> <td>SDA</td> </tr> <tr> <td>4</td> <td>SKK</td> <td>SKK</td> <td>SCL</td> </tr> <tr> <td>5</td> <td>SDO</td> <td>SDO</td> <td>ACCIB</td> </tr> <tr> <td>6</td> <td>VDDIO</td> <td>Power Terminal for Digital IO</td> <td></td> </tr> <tr> <td>7</td> <td>GND</td> <td>Ground Terminal</td> <td></td> </tr> <tr> <td>8</td> <td>VDD</td> <td>Power Terminal</td> <td></td> </tr> <tr> <td>9</td> <td>VPP</td> <td>NVM Writing Terminal *2</td> <td></td> </tr> </tbody> </table>	Pin No.	Symbol	Description		SPI	PC	1	RST	Asynchronous Reset *1		2	CSB	CSB	VDDIO	3	SDI	SDVSDO	SDA	4	SKK	SKK	SCL	5	SDO	SDO	ACCIB	6	VDDIO	Power Terminal for Digital IO		7	GND	Ground Terminal		8	VDD	Power Terminal		9	VPP	NVM Writing Terminal *2		
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[ Mounting dimensions ]

<p><b>Product discontinuation</b>  <b>Model 2SMPB-02D, Model 2SMPB-02E, Model 2SMPB-02E-100</b></p>	<p><b>Recommendable replacement</b>  <b>No recommended replacement</b></p>
<p>Mounting Pad Dimensions</p> 	

[ Dimensions ]

<p><b>Product discontinuation</b>  <b>Model 2SMPB-02D, Model 2SMPB-02E, Model 2SMPB-02E-100</b></p>	<p><b>Recommendable replacement</b>  <b>No recommended replacement</b></p>
<p>Outline Dimension</p>	

**[ Characteristics ]**

Item	Product discontinuation Model 2SMPB-02D, Model 2SMPB-02E, Model 2SMPB-02E-100	Recommendable replacement No recommended replacement
Operating Voltage (Opr.)	1.71 – 3.6V	
Operating Voltage (I/O)	1.20 – 3.6V	
Operating Temperature	-40 - 85°C	
Absolute Pressure Accuracy (2SMPB-02D)	±100Pa(Typ.) (30 - 110kPa/0 - 65°C)	
Absolute Pressure Accuracy (2SMPB-02E)	±100Pa(Typ.) (30 - 110kPa/0 - 65°C)	
Relative Pressure Accuracy	±3.9Pa (Ultra High Accuracy)	

Specifications and prices in this product news are as of the issue date and are subject to change without notice.  
Only main changes in specifications are described in this document. Please be sure to read the relevant catalogs, datasheets, product specifications, instructions, and manuals for precautions and necessary information when using products.