



# Product Change Notification

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## ■ Purpose

[2022-07-20] Sharp Corporation would like to notify customers of an upcoming change to the following ToF (time-of-flight) sensor models:

- GP2AP02VT20F
- GP2AP03VT00F

The on-board shading resin used by these products will be changed to a new type and supplier as described in this PCN.

Sharp will be applying this running change in production starting from January, 2023.

These changes do not affect the product shape, terminal layout, product characteristics, or reliability. There is no change to the Sharp part numbers.

## ■ Effective Time of Change

These are running changes that will be applied starting in January, 2023.

## ■ Details

Please refer to the pages that follow for the details of the material changes.

If you have any questions concerning this notification, please contact your Socle representatives at: [Socle\\_Sales\\_NA@socle-tech.com](mailto:Socle_Sales_NA@socle-tech.com)

20th July, 2022

Issue No. ST- EDO2207A

## SHARP Products Change Notification

Sharp Semiconductor Innovation Corporation

Thank you very much for your continuous usage  
of our semiconductor device products.

We would like to inform the change of Distance measuring sensor as follows.

Planning and  
Engineering  
Div.



S.Kouchi

Subject	<b><u>Notification of the Change of ToF sensor shading resin</u></b>
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Applicable Product Category	<b>ToF sensor ( 2 models )</b>
Changed From	<b>Running change is scheduled for January 2023 onward.</b> ※ Depending on the sales situation, the schedule may change.

With regard to the ToF sensor,  
we are unable to procure supply of on-board shading resin hereafter  
due to the end of production of the supplier.  
Therefore, in order to continue to supply the ToF sensors,  
we will gradually switch the material into new one.  
Thank you for your understanding.

### **1. Applicable Models**

GP2AP02VT20F

GP2AP03VT00F

### **2. Contents of Change**

Change of the shading resin

Before change	Sillicone resin	S company
After change	Epoxy resin	F company

※ Regarding of the above resin, both before and after the change are custom products.

### **3. Reason for Change**

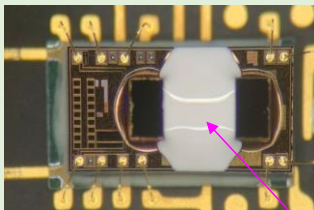
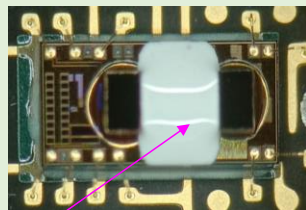
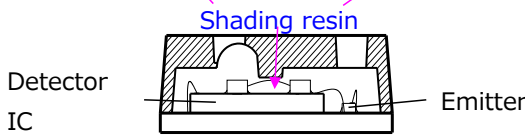
To continue the supply of ToF sensors.

There are no changes to product shape, terminal layout, product characteristics, and reliability.

**ToFセンサ 遮光樹脂変更に伴う比較資料**  
**ToF Sensor Shading resin Change Comparison Document**

SHARP Semiconductor Innovation Corporation

シャープセミコンダクターイノベーション株式会社

		従来品 Current Product	変更品 Modified Product	
取引品番 Business Model No.		同一 GP2AP02VT20F/GP2AP03VT00F SAME		
SHARP 社内管理用品番 SHARP Internal Model No.		同一 GP2AP02VT2F6/GP2AP03VT0F6 SAME		
材料 Materials	発光素子 Emitter	素材・形状 Material・Outline	同一 SAME	
	受光素子 Detector	素材・形状 Material・Outline	同一 SAME	
	遮光樹脂 Shading resin		シリコン樹脂 Silicone resin	エポキシ樹脂 Epoxy resin
				
	断面図 Cross section		 <p style="text-align: center;">Detector IC      Shading resin      Emitter</p>	
その他 材料 Other Materials		同一 SAME		
電气的特性(絶対最大定格含む) Electronic Spec. (Including absolute maximum rating.)		同一 SAME		
仕様書 Specifications		同一 SAME		
信頼性 Product Reliability		同一 SAME		
外観 Visual	外形 Outline Dimension	同一 SAME		
	ロットNo.標記 Description of Lot No.	同一 SAME		
包装仕様・ラベル標記ルール Package Spec. / Description of Label		同一 SAME		