



# Product Change Notification

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## ● Purpose

2021-01-07 – This PCN is to notify customers of the following change to several Sharp dust sensor models:

- Change of material used for back cover of dust sensor.

The affected model numbers are:

- GP2Y1010AU0F
- GP2Y1014AU0F
- GP2Y1023AU0F
- GP2Y1026AU0F

The specifications and reliability will not be changed as a result of this PCN. There is no change to dust sensor model numbers.

## ● Effective Time of Change

These are running changes that will be applied to production starting in April, 2021.

## ● 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)

7th, January, 2021

Issue No. ST- EDO12008A

## SHARP Products Change Notification

SHARP Fukuyama Semiconductor Co., Ltd.

Thank you very much for adopting our products.

Semiconductor Business Unit

We inform products change notification as follows;

Sales Div.



<b>Subject</b>	<b><u>Announcement of the material (back cover) change for dust sensor</u></b>
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<b>Applicable Product Category</b>	<b>Dust Sensors ( 7models )</b>
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<b>Changed From</b>	<b>Running change since April 2021 onward (Timing might be updated by market demands)</b>
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Please be informed that the material of back cover(sheet metal) of dust sensor will be changed according to EOL by current supplier.

Please kindly agree this "product change notification".

### 1. Applicable Models

	Model name		Model name
1	GP2Y1010AU0F	6	GP2Y1024AU0F
2	GP2Y1012AU0F	7	GP2Y1026AU0F
3	GP2Y1014AU0F	/	
4	GP2Y1014AUVF		
5	GP2Y1023AU0F		

### 2. Contents of the change

Material change of back cover (sheet metal) of dust sensor.

※Please refer to the attachment document(comparison sheet) for details/

### 3. Reason of changes

For EOL from the supplier of the back cover (sheet metal) material.

**The specification and reliability will be not affected by this PCN**

## SHARP ほこりセンサ 部材変更内容に関する比較表



Comparison sheet for manufacture change notification of dust sensor

## 【対象機種 Applicable Model No.】

GP2Y1010AU0F、GP2Y1012AU0F、GP2Y1014AU0F、GP2Y1014AUVF、  
GP2Y1023AU0F、GP2Y1024AU0F、GP2Y1026AU0F

SHARP Fukuyama Semiconductor Co., Ltd.

Semiconductor Business Unit  
シャープ福山セミコンダクター株式会社  
セミコンダクター事業部

			従来品 Current Product	変更品 New product
取引品番 Business Model No.			同 ー SAME	
SHARP 社内管理用品番 SHARP Internal Model No.			同 ー SAME	
原産国/生産工場 Country of Origin / Manufacturing Location			同 ー SAME	
材料 Materials	裏蓋(板金) Back cover (Sheet metal)	形状 Outline	同 ー SAME	
		材料 Material	同 ー SAME	
		めっき Plating	錫・ニッケル・亜鉛 Sn・Ni・Zn	亜鉛 Zn
		外観 visual		
			光沢あり Glossy	光沢なし Matte
		その他 材料 Other materials	同 ー SAME	
電気的特性(絶対最大定格含む) Electronic spec. (Including absolute maximum rating.)			同 ー SAME	
QC工程 QC process			同 ー SAME	
信頼性 Product Reliability			同 ー SAME	
梱包仕様 Package spec.			同 ー SAME	