



Product Change Notification

● Purpose

We would like to notify customers of the following product changes regarding certain Sharp dust sensor models. Sharp will be applying this running change from January, 2019. There is no change to the device specifications or reliability. The model numbers will remain unchanged.

- A variable resistor used in the manufacture of several dust sensor models is going EOL. Therefore, production will switch to a different supplier for the variable resistor.

● Effective Time of Change

These are running changes that will be applied starting in January, 2019.

● Details

Please refer to the pages that follow for the details of the product changes from Sharp.

If you have any questions concerning this notification, please contact your Socle representatives.

3rd, September, 2018

Issue No. ST- EDO1808A

SHARP Products Change Notification

SHARP CORPORATION
ELECTRONIC COMPONENTS AND DEVICES BU
SEMICONDUCTOR BUSINESS UNIT

Thank you very much for adopting our products.

We inform products change notification as follows;

Product
Planning DIV. II



Subject	<u>Manufacture change notification for pre-set variable resistor of dust sensor</u>
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Applicable Product Category	Dust Sensors (6 models)
Changed From	Running change is scheduled from January 2019 onward (Affected by actual shipped Qty.)

Regarding some models of dust sensor, we would like to inform component change due to EOL of pre-set variable resistor.

We would like to seek your understanding on this situation.

1. Applicable Model No.

	Model		Model
1	GP 2 Y 1 0 1 0 A U 0 F	4	GP 2 Y 1 0 1 3 A U 0 F
2	GP 2 Y 1 0 1 1 A U 0 F	5	GP 2 Y 1 0 1 4 A U 0 F
3	GP 2 Y 1 0 1 2 A U 0 F	6	GP 2 Y 1 0 2 6 A U 0 F

2. Changes

Pre-set variable resistor

Component	Supplier	Resistance value	Size
Current	Panasonic Corporation	30 kΩ	3.1 × 3.75 × 1.55mm
New	HOKURIKU ELECTRIC INDUSTRY CO.,LTD	30 kΩ	3.0 × 3.8 × 1.2mm

3. Reason of changes

Due to EOL of component announced by current supplier

The specification and reliability will be not affected by this PCN

Comparison sheet for pre-set variable resistor of dust sensor

1/1

3rd Sep. 2018

SHARP CORPORATION

ELECTRONIC COMPONENTS AND DEVICES BU

SEMICONDUCTOR BUSINESS UNIT

			Current Product	New product
Business Model No.			GP2Y1010AU0F、GP2Y1011AU0F、GP2Y1012AU0F、 GP2Y1013AU0F、GP2Y1014AU0F、GP2Y1026AU0F	
SHARP Internal Model No.			Same	
Country of Origin / Manufacturing Location			Same (China or Indonesia / Zhuhai Ensei Electronics Co., Ltd. or P. T. Sharp Semiconductor Indonesia)	
Materials	Pre-set variable resistor	メーカー名 Supplier	パナソニック(株) P a n a s o n i c Corporation	北陸電気工業(株) HOKURIKU ELECTRIC INDUSTRY CO., LTD.
		型番 Part number	EVM3YSX50B34	VG039NSNXTB303
		抵抗値 Resistance Value	Same (3 0 k Ω)	
		サイズ Dimensions	3.1 x 3.75 x 1.55 mm	3.0 x 3.80 x 1.20 mm
	Other materials		Same	
	QC process			Same
Electronic spec. (Including absolute maximum rating.)			Same	
Product Reliability			Same	
Outline Dimension / Marking			Same	
Package spec. / Description of Label			Same	