



SHARP DEVICES EUROPE

Note: This PCN is issued by Sharp Devices Europe, other SHARP business units might have different schedules.

## Product Change Notification

NOTIFICATION NO.	ISSUE DATE	LAST BUY DATE	LAST SHIP DATE
EU-PCN-20220301-01	01.03.2022	---	---

*This is to advise you that the following product will be changed.*

**Product ID (Description):**

**Distance Measuring Sensors - please see the attached model list**

**Description of Change:**

Due to discontinuation of the originally used signal processing IC and to secure a continuous supply of our distance measuring sensors, we will gradually switch the signal processing IC to a new one with the same function.

The change of the signal processing IC will be as follows:

Current: Manufacturing factory: ON Semiconductor Niigata

New: Manufacturing factory: UMC

In addition to the above changes, the resistance (R) and the capacitor (C) as well as the thermistor and lead frame for some models will also be changed due to the change in signal processing IC in the distance measuring sensor.

Please see the attachments for all details.

**Effect of Change:**

This is planned as a running change starting with September 2022 production onwards, depending on sales situation.

**Note:**

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

New specifications and reliability test reports will be available, starting end May 2022 for specs. and end June for RTR. Please contact your key account manager.

**Suggested Alternative Parts and/or Manufactures:**

CHANGED SHARP PART NO.	SUCCESSOR / SUGGESTED ALTERNATE PART NO.	ALTERNATE MANUFACTURER
see above	-	---

*In case of further questions, please contact your SHARP sales representative.*

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## Attachment

### Distance measuring sensor 4M change

○ : Change

4M changes in each product are as follows.

– : No change

R: Resistor, C: Capacitor, P: Board (Layout pattern change)

IC: Distance sensor signal processing IC, T: Thermistor, LF: Lead frame

Series	Type	Internal Model	Model No	Material	
GP2Y Series	Analog output	GP2Y0A21YK16	<b>GP2Y0A21YK1F</b>	○ IC, R, C, P	
		GP2Y0A21YKF4	<b>GP2Y0A21YK0F</b>	○ IC, R, C, P	
		GP2Y0A02YKF4	<b>GP2Y0A02YK0F</b>	○ IC, R, C, P	
		GP2Y0A02YKS4	<b>GP2Y0A02YK0F</b>	○ IC, R, C, P	
		GP2Y0A51SK04	<b>GP2Y0A51SK0F</b>	○ IC, R, C, P	
		GP2Y0A51SK06	<b>GP2Y0A51SK0F</b>	○ IC, R, C, P	
		GP2Y0A41SKF4	<b>GP2Y0A41SK0F</b>	○ IC, R, C, P	
		GP2Y0A02SKD4	<b>GP2Y0A02SKDF</b>	○ IC, R, C, P	
		GP2Y0A02YK14	<b>GP2Y0A02YK1F</b>	○ IC, R, C, P, T	
		GP2Y0A710KF4	<b>GP2Y0A710K0F</b>	○ IC, R, C, P, T	
	Digital output (1bit)	GP2Y0D02YK24	<b>GP2Y0D02YK2F</b>	○ IC, R, C, P	
		GP2Y0D02YKF4	<b>GP2Y0D02YK0F</b>	○ IC, R, C, P	
		GP2Y0D21YKF4	<b>GP2Y0D21YK0F</b>	○ IC, R, C, P	
		GP2Y0D413KF4	<b>GP2Y0D413K0F</b>	○ IC, R, C, P	
		GP2Y0D417KB4	<b>GP2Y0D417KBF</b>	○ IC, R, C, P	
		GP2Y0D421K06	<b>GP2Y0D421K0F</b>	○ IC, R, C, P	
	GP3Y Series	Digital output (1bit)	GP3Y0D013K26	<b>GP3Y0D013K</b>	○ IC, R, C, P
			GP3Y0D024KF6	<b>GP3Y0D024K0F</b>	○ IC, R, C, P
GP3Y0D015K26			<b>GP3Y0D015K</b>	○ IC, R, C, P	
GP3Y0D016K26			<b>GP3Y0D016K</b>	○ IC, R, C, P, T	
GP3Y0D025KF6			<b>GP3Y0D025K0F</b>	○ IC, R, C, P, T	
GP3Y0D026K06			<b>GP3Y0D026K0F</b>	○ IC, R, C, P, T	
GP3Y0D026KA6			<b>GP3Y0D026KAF</b>	○ IC, R, C, P, T	
GP3Y0D027K06			<b>GP3Y0D027K0F</b>	○ IC, R, C, P, T	
GP3Y0D028K06			<b>GP3Y0D028K0F</b>	○ IC, R, C, P	
GP3Y0D029K06			<b>GP3Y0D029K0F</b>	○ IC, R, C, P	
GP3Y0D031K06			<b>GP3Y0D031K0F</b>	○ IC, R, C, P, T	
GP3Y0D032K06			<b>GP3Y0D032K0F</b>	○ IC, R, C, P, T	
GP3Y0D033K06			<b>GP3Y0D033K0F</b>	○ IC, R, C, P, T	
GP3Y0D01YK			<b>GP3Y0D01YK</b>	○ IC, R, C, P	
GP3Y0D014K26			<b>GP3Y0D014K26</b>	○ IC, R, C, P	
GP3Y0D418K04	<b>GP3Y0D418K0F</b>	○ IC, R, C, P			
GP2Y0AF Series (Small type)	Analog output	GP2Y0AF15R04	<b>GP2Y0AF15R</b>	○ IC, R, C, P, LF	
		GP2Y0AF15X04	<b>GP2Y0AF15X</b>	○ IC, R, C, P, LF	
		GP2Y0AF15XR4	<b>GP2Y0AF15XR</b>	○ IC, R, C, P, LF	
		GP2Y0AF15Q04	<b>GP2Y0AF15Q</b>	○ IC, R, C, P, LF	
		GP2Y0AF15Q06	<b>GP2Y0AF15Q</b>	○ IC, R, C, P, LF	
		GP2Y0AF15Y04	<b>GP2Y0AF15Y</b>	○ IC, R, C, P, LF	
		GP2Y0AF15YS4	<b>GP2Y0AF15Y</b>	○ IC, R, C, P, LF	
		GP2Y0AF30Q04	<b>GP2Y0AF30Q</b>	○ IC, R, C, P, LF	
		GP2Y0AF30R04	<b>GP2Y0AF30R</b>	○ IC, R, C, P, LF	
		GP2Y0AF30S04	<b>GP2Y0AF30S</b>	○ IC, R, C, P, LF	
GP2Y0AF30Y04	<b>GP2Y0AF30Y</b>	○ IC, R, C, P, LF			

**Model Name** = SDE / Europe models