



Product Change Notice

- **Purpose**

Sharp Corporation has advised that the PCB material will be changed for surface mount models of IR LEDs, photodiodes and phototransistors.

The products specification and reliability will not be changed. There will be no change to the part numbers.

This change will be applied to production starting April 2021.

- **Part Numbers**

The affected part numbers are summarized below.

Part Number	Category
GL100MN0MP1	IR LED
GL100MN1MP1	IR LED
PT100MF0MP	Phototransistor
PT100MF0MP1	Phototransistor

If you have any questions concerning this Product Change Notification, please contact your Socle representatives at: Socle_Sales_NA@socle-tech.com

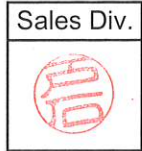
To: _____

2020/11/24
Issue No. ST- EDO2010A

SHARP Product Change Notification

Thank you for adopting our products.
We would like to inform you
of an addition of supplier for photo interrupter.

Sharp Fukuyama Semiconductor Co., Ltd.
Semiconductor Business Unit



Subject	Notification : Change of material (PCB) for surface mounting type light receiving/emitting discrete devices
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Category	6 models of IR-LED 4 models of Photodiodes 9 models of Phototransistors
Timing	Running Change since April/2021 production

Regarding a material (PCB) for surface mounting type light receiving/emitting discrete devices,
The PCB supplier has informed us to change the material of PCB.
As a result, we will change the material for the following target models.
We would like to ask for your understanding.

1. Model

	IR-LEDs	Photodiodes	Phototransistors
1	GL100MNOMP	7 PD100MCOMP	11 PT100MCOMP
2	GL100MNOMP1	8 PD100MCOMP1	12 PT100MCOMPK
3	GL100MN1MP	9 PD100MFOMP	13 PT100MCOMP1
4	GL100MN1MP1	10 PD100MFOMP1	14 PT100MCOMP1K
5	GL100MN1MP1N		15 PT100MFOMP
6	GL100MN1MPS		16 PT100MFOMP1N
			17 PT100MFOMP1
			18 PT100MFOMP1N
			19 PT100MF1MP1

2. Change
The material change of PCB that using in our target models.

3. Reason
The material manufacturer discontinued production.

From this PCN, there will be not change of specification and reliability for the products.