



# Product Change Notification

---

## ■ Purpose

[2022-10-03] Sharp Corporation would like to notify customers of an upcoming change to the following photointerrupter models:

- GP1A173LCS5F
- GP1S173LCS2F

There will be a change to the internal shape of the exterior holder, which is a component of the above connector-integrated photointerrupter models.

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

There will be no change to the part specifications 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 March, 2023.

## ■ Details

Please refer to the pages that follow for more details concerning these 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)

22th September, 2022

Issue No. ST- EDO2209A

## 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 photo sensor as follows.

Planning and  
Engineering  
Div.



S.Kouchi

Subject	<b><u>Notification of the Change of Photointerrupters Holder internal shape</u></b>
---------	---

Applicable Product Category	<b>Photointerrupter with Integrated connector ( 3 models )</b>
-----------------------------	--

Changed From	<b>Running change is scheduled for March 2023 onward.</b> ※Depending on the sales situation, the schedule may be subjected to change.
--------------	--

We will change the internal shape of the exterior holder, which is a component of the connector-integrated photointerrupter (GP1A173/1S173/GP1S273 series), so please check the details of the change.  
Thank you for your understanding.

### **1. Applicable Models & Changeover Schedule**

Please refer to the attachment

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

Changing the internal shape of the holder

※For details, please refer to the attached comparison table.

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

For improvement of productivity

There are no changes to product specifications and reliability.

**コネクタ一体型フォトインタラプタ ホルダー内部形状変更に伴う比較資料**  
**Photointerrupter 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 (GP1A173LCS*F/GP1S173LCS*F/GP1S273LCS1F) SAME		
SHARP 社内管理用品番 SHARP Internal Model No.	同一 (GP1A173LCS*4/GP1S173LC**4/GP1S273LCS14) SAME		
原産国/生産工場 Country of Origin / Manufacturing Location	同一 (中国/珠海縁成电子有限公司) SAME (China/ZHUHAI ENSEI ELECTRONICS CO., LTD.)		
材料 Materials	ホルダー Holder  補足) 右図は、GP1A173LCS*F/GP1S173LCS*F ホルダーでの比較です。 GP1S273LCS1Fでも同様の変更となります。	<b>従来形状</b> <b>Current Shape</b> 	<b>変更形状 (内部のみ)</b> <b>Modified Shape (Inner Only)</b> <p>→ 厚み変更/ thickness change → 内側へ位置変更/ → 追加/addition</p>
		その他 材料 Other Materials	同一 SAME
QC工程 QC process	生産設備・方法 Production Equipment & Method	同一 SAME	
	検査設備・方法 Inspection Equipment & Method	同一 SAME	
電気的特性(絶対最大定格含む) Electronic Spec. (Including absolute maximum rating.)		同一 SAME	
信頼性 Product Reliability		同一 SAME	
外観/マーキング Visual/Marking		同一 SAME	
包装仕様・ラベル表記ルール Package Spec. / Description of Label		同一 SAME	