



Product Change Notification

■ Purpose

[2022-04-06] Sharp Corporation would like to notify customers of an upcoming change to the following photocoupler and phototriac coupler models. Depending on the model, new production materials and/or suppliers will be added for the LED Chip, Silicone resin, 1st mold resin, and 2nd mold resin.

Sharp will be applying this running change in production from August, 2022.

These changes do not affect the device optical or electrical characteristics, dimensions, or reliability. There is no change to the Sharp part numbers.

The affected models include:

- PC354N1J000F
- PC354NJ0000F
- PC355NJ0000F
- PC357N1J000F
- PC357N2J000F
- PC357N3J000F
- PC357N4J000F
- PC357N6J000F
- PC357N7J000F
- PC357NJ0000F
- PC364NJ0000F
- PC365NJ0000F
- PC367N2J000F
- PC367NJ0000F
- PC400J00000F
- PC451J00000F
- PC452J00000F
- PC457L0NIP0F
- PC457L0YIP0F
- S2S3A00F
- S2S3LA0F
- S2S4A00F
- S2S4AY0F

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- S2S5A00F
- S2S5FA0F

■ Effective Time of Change

These are running changes that will be applied starting in August, 2022.

■ 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

April 6, 2022

Issue No. ST- EDO2204A

SHARP Products Change Notification

SHARP SEMICONDUCTOR INNOVATION CORPORATION

Thank you very much for adopting our products.

We inform products change notification as follows;

Planning and
Engineering Div.



Subject	<u>Addition of materials for isolator device</u>
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Applicable product category	SOP 4/5 pin type Photocoupler and Photo triac coupler (36 models)
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Changed from	Change will take effect on shipments from August 2022. ※ Schedule will change depending on inventory & purchase order.
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Thank you very much for your continuous support and usage of our isolator device products.

The supply insecurity due to material shortages in the production materials for SOP 4/5-pin photocouplers and photo triac couplers manufactured by YONGYAO ENSEI ELECTRONICS (SHANGQIU) CO., LTD continues to be unresolved.

In order not to inconvenience our customers and to stabilize our supply, we would like to inform our customers the addition of materials (will be or currently adopted in other models) for our products.

1 . Applicable models

Please refer to the attached "Detail of Model List and added materials".

Type	Series name
Transistor output	PC35*/PC36*/PC452 series
IC output	PC400/PC410L/PC457L series
Triac output	S2S* series

2 . Detail of changes

Addition of LED chip and resin.

Please refer to the attached "Detail of Model List and added materials".

※There are no changes to the products' optical and electrical characteristics, dimension, and reliability.

※Please contact us before April 30th, 2022 for any questions or requests with regards to this change.

3 . Reason of changes

For the purpose of securing a stable supply.

【Detail of Model List and added materials】

1. Transistor output type

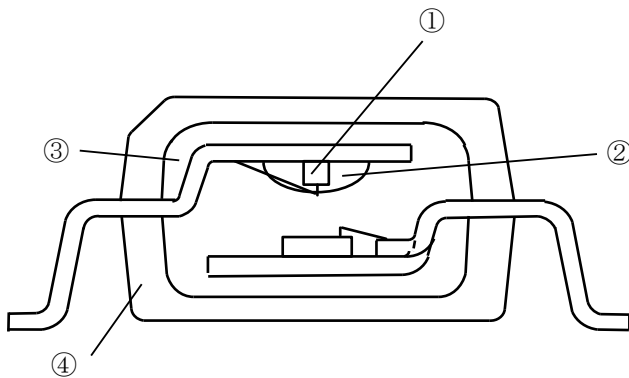
Business dealing name	SHARP internal model-number	Added materials
PC354NJ0000F	PC354NJ00002	Silicone resin 1st mold resin 2nd mold resin
PC354NJ1000F	PC354NJ10002	
PC355NJ0000F	PC355NJ00002	
PC357NJ1000F	PC357NJ10002	
	PC357NJ1J00E2	
PC357NJ2000F	PC357NJ20002	
	PC357NJ2J00E2	
PC357NJ3000F	PC357NJ30002	
	PC357NJ3J00E2	
PC357NJ4000F	PC357NJ40002	
	PC357NJ4J00E2	
PC357NJ5000F	PC357NJ50002	
	PC357NJ5J00E2	
PC357NJ6000F	PC357NJ60002	
	PC357NJ6J00E2	
PC357NJ7000F	PC357NJ70002	
	PC357NJ7J00E2	
PC357NJ8000F	PC357NJ80002	
	PC357NJ8J00E2	
PC357NJ9000F	PC357NJ90002	
	PC357NJ9J00E2	
PC357NJ0000F	PC357NJ00002	
	PC357NJ00002	
PC364NJ0000F	PC364NJ00002	
PC365NJ0000F	PC365NJ00002	
PC367NJ1000F	PC367NJ1J0002	
PC367NJ2000F	PC367NJ2J0002	
PC367NJ0000F	PC367NJ00002	
PC451J00000F	PC451J000002	
PC452J00000F	PC452J000002	

2. IC output type

Business dealing name	SHARP internal model-number	Added materials
PC400J00000F	PC400J000002	Silicone resin, 1st mold resin, 2nd mold resin
PC410LENIP0F	PC410LENIP02	LED Chip Silicone resin 1st mold resin 2nd mold resin
PC410LEYIP0F	PC410LEYIP02	
PC457LONIP0F	PC457LONIP02	
	PC457LONIPE2	
PC457LRNIP0F	PC457LRNIP02	
PC457LOYIP0F	PC457LOYIPE2	

3. Triac output type

Business dealing name	SHARP internal model-number	Added materials
S2S3A00F	S2S3A002	Silicone resin 1st mold resin 2nd mold resin
S2S3AD0F	S2S3AD02	
S2S3LA0F	S2S3LA02	
S2S3ADYF	S2S3ADY2	
S2S4A00F	S2S4A002	
S2S4AY0F	S2S4AY02	
S2S4EY0F	S2S4EY02	
S2S5A00F	S2S5A002	
S2S5FA0F	S2S5FA02	
S2S5EY0F	S2S5EY02	



- ① LED chip : Proven supplier, will be adopted in other models.
- ② Silicone resin : Same supplier, adopted in other models.
- ③ 1st mold resin : Another supplier, adopted in other models.
- ④ 2nd mold resin : Another supplier, adopted in other models.