



Product Change Notice

● Purpose

Sharp Corporation has advised that they will be adding a new plating vendor for several models of photocouplers, phototriac couplers, and solid state relays that are made in Japan. The purpose of this change is to ensure a stable supply for production.

The plating specification will not be affected. 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 February 2020.

● Part Numbers

The affected part numbers are summarized below.

Part Series	Category
PC123 / PC817 / PC851 / PC852 / PC853	Photocoupler
PC1S / PC3SD / PC3SF / PC3SH / PC4SD / PC4SF	Phototriac Coupler
PR31 / PR32 / PR33 / PR39 / PR3B	SSR (Solid State Relay)

Below is the complete list of part numbers affected by this change.

Part Number	Part Number	Part Number	Part Number	Part Number
PC123XNYSZ1B	PC817XNNIP1B	PC3SH11YFZAH	PC3SD21YXPDH	PC3SF21YTZBH
PC123X1YSZ1B	PC817X0NIP1B	PC3SH13YFZAH	PC3SD21YXPLH	PC4SF21YTZCH
PC123X2YSZ1B	PC817X1NIP1B	PC3SH21YFZAH	PC4SD21YXPCCH	PC3SF21YVZAH
PC123X5YSZ1B	PC817X2NIP1B	PC3SH21YFZKH	PC4SD21YXPDH	PC3SF21YVZBH
PC123X6YSZ1B	PC817X3NIP1B	PC3SH21YFZBH	PC4SF21YWPSH	PC4SF21YVZBH
PC123X8YSZ1B	PC817X4NIP1B	PC3SD12NTZAH	PR31MA11NTZH	PC3SD21YXPCCH
PC123XNYFZ1B	PC817X5NIP1B	PC3SD12YTZAH	PR32MA11NTZH	PC3SD21YXPKH
PC123X1YFZ1B	PC817X6NIP1B	PC3SD11YTZAH	PR32MA11NXPH	PC1S3063YXPH
PC123X2YFZ1B	PC817X7NIP1B	PC3SD11NTZBH	PC3SD12NTZAH	PC3SD21YXPDH
PC123X5YFZ1B	PC817X8NIP1B	PC3SD11NTZCH	PC3SD12YTZAH	PC3SD21YXPLH

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PC123X6YFZ1B	PC817X9NIP1B	PC3SD11YTZCH	PC3SD11YTZAH	PC4SD21YXPCH
PC123X7YFZ1B	PC851XNNSZ1H	PC4SD11NTZCH	PC3SD11NTZBH	PC4SD21YXPDH
PC123X8YFZ1B	PC851XNNIP1H	PC3SF11YTZBH	PC3SD11NTZCH	PC4SF21YWPSH
PC123XNYIP1B	PC852XNNSZ1H	PC4SF11YTZBH	PC3SD11YTZCH	PR31MA11NTZH
PC123X1YIP1B	PC852X1NSZ1H	PC3SD11YXPCH	PC4SD11NTZCH	PR32MA11NTZH
PC123X2YIP1B	PC853XNNSZ1H	PC4SD11YXPBH	PC3SF11YTZBH	PR32MA11NXPH
PC123X5YIP1B	PC852XNNIP1H	PC4SD11YXPCH	PC4SF11YTZBH	PR33MF51NSLH
PC123X6YIP1B	PC853XNNIP1H	PC3SD12YVZAH	PC3SD11YXPCH	PR33MF51YSLH
PC123X8YIP1B	PC12310NSZ1B	PC3SF11YVZAH	PC4SD11YXPBH	PR33MF52NSLH
PC123XNYUP1B	PC12311NSZ1B	PC3SF11YVZBH	PC4SD11YXPCH	PR33MF51NPLH
PC123X1YUP1B	PC12310YFZ1B	PC3SF11YWPBH	PC3SD12YVZAH	PR33MF51YPLH
PC123X2YUP1B	PC12311YFZ1B	PC3SD21NTZAH	PC3SF11YVZAH	PR36MF21NSZH
PC123X5YUP1B	PC81710NSZ1B	PC3SD21NTZBH	PC3SF11YVZBH	PR36MF22NSZH
PC123X6YUP1B	PC81711NSZ1B	PC3SD21YTZBH	PC3SF11YWPBH	PR36MF51NSLH
PC123X7YUP1B	PC81712NSZ1B	PC3SD21NTZDH	PC3SD21NTZAH	PR36MF21NFZH
PC123X8YUP1B	PC81713NSZ1B	PC3SD21NTZSH	PC3SD21NTZBH	PR36MF51NPLH
PC123Y12FZ1B	PC81716NSZ1B	PC4SD21NTZCH	PC3SD21YTZBH	PR39MF22NSZH
PC123Y22FZ1B	PC81710NIP1B	PC4SD21NTZDH	PC3SD21NTZDH	PR39MF51NSLH
PC123Y52FZ1B	PC81711NIP1B	PC3SF21YTZBH	PC3SD21NTZSH	PR39MF51YSLH
PC123Y82FZ1B	PC81712NIP1B	PC4SF21YTZCH	PC4SD21NTZCH	PR39MF51NPLH
PC123Y92FZ1B	PC81713NIP1B	PC3SF21YVZAH	PC4SD21NTZDH	PR39MF51YPLH
PC817XNNSZ1B	PC81716NIP1B	PC3SF21YVZBH		PR3BMF51NSLH
PC817X0NSZ1B		PC4SF21YVZBH		PR3BMF51NPLH
PC817X1NSZ1B		PC3SD21YXPCH		
PC817X2NSZ1B		PC3SD21YXPKH		
PC817X3NSZ1B		PC1S3063YXPH		
PC817X4NSZ1B				
PC817X5NSZ1B				
PC817X6NSZ1B				
PC817X7NSZ1B				
PC817X8NSZ1B				
PC817X9NSZ1B				

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

NOTICE : Addition of External PLATING subcontractor

Thank you very much for your continuous usage of our semiconductor device products.
We would like to inform addition of external PLATING subcontractor for Isolators as follows.

1. Applicable products

Isolators manufactured by Kyushu Denshi Co., Ltd [made in JAPAN]
(Please refer to Model List.)

2. Change Contents

Addition of External PLATING subcontractor.

Current	Only one company (KUMAMOTO)
After change	Combination of two company (KUMAMOTO)

* Plating specification (composition, thickness, etc.) will not be changed.

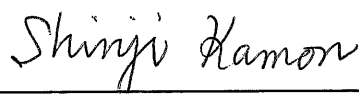
* Optical and Electronical characteristics, dimension and reliability will not be changed.

3. Reason

Securing of stable supply

4. Schedule

Addition will be started from February. 2020 shipment



S. KAMON

Sensor Sales Planning Div.

Semiconductor Business Unit

Sharp Fukuyama Semiconductor Co., Ltd.

MODEL LIST

Business dealing name	Business dealing name	Business dealing name	Business dealing name	Business dealing name
PC123XNYSZ1B	PC817XNNIP1B	PC3SH11YFZAH	PC3SD21YXPDH	PC3SF21YTBZH
PC123X1YSZ1B	PC817X0NIP1B	PC3SH13YFZAH	PC3SD21YXPLH	PC4SF21YTBZH
PC123X2YSZ1B	PC817X1NIP1B	PC3SH21YFZAH	PC4SD21YXPCB	PC3SF21YVZAH
PC123X5YSZ1B	PC817X2NIP1B	PC3SH21YFZKH	PC4SD21YXPDH	PC3SF21YVZBH
PC123X6YSZ1B	PC817X3NIP1B	PC3SH21YFZBH	PC4SF21YWPSH	PC4SF21YVZBH
PC123X8YSZ1B	PC817X4NIP1B	PC3SD12NTZAH	PR31MA11NTZH	PC3SD21YXPCB
PC123XNYFZ1B	PC817X5NIP1B	PC3SD12YTZAH	PR32MA11NTZH	PC3SD21YXPKH
PC123X1YFZ1B	PC817X6NIP1B	PC3SD11YTZAH	PR32MA11NXPH	PC1S3063YXPH
PC123X2YFZ1B	PC817X7NIP1B	PC3SD11NTZBH	PC3SD12NTZAH	PC3SD21YXPDH
PC123X5YFZ1B	PC817X8NIP1B	PC3SD11NTZCH	PC3SD12YTZAH	PC3SD21YXPLH
PC123X6YFZ1B	PC817X9NIP1B	PC3SD11YTZCH	PC3SD11YTZAH	PC4SD21YXPCB
PC123X7YFZ1B	PC851XNNSZ1H	PC4SD11NTZCH	PC3SD11NTZBH	PC4SD21YXPDH
PC123X8YFZ1B	PC851XNNIP1H	PC3SF11YTBZH	PC3SD11NTZCH	PC4SF21YWPSH
PC123XNYIP1B	PC852XNNSZ1H	PC4SF11YTBZH	PC3SD11YTZCH	PR31MA11NTZH
PC123X1YIP1B	PC852X1NSZ1H	PC3SD11YXPCB	PC4SD11NTZCH	PR32MA11NTZH
PC123X2YIP1B	PC853XNNSZ1H	PC4SD11YXPBH	PC3SF11YTBZH	PR32MA11NXPH
PC123X5YIP1B	PC852XNNIP1H	PC4SD11YXPCB	PC4SF11YTBZH	PR33MF51NSLH
PC123X6YIP1B	PC853XNNIP1H	PC3SD12YVZAH	PC3SD11YXPCB	PR33MF51YSLH
PC123X8YIP1B	PC12310NSZ1B	PC3SF11YVZAH	PC4SD11YXPBH	PR33MF52NSLH
PC123XNYUP1B	PC12311NSZ1B	PC3SF11YVZBH	PC4SD11YXPCB	PR33MF51NPLH
PC123X1YUP1B	PC12310YFZ1B	PC3SF11YWPBH	PC3SD12YVZAH	PR33MF51YPLH
PC123X2YUP1B	PC12311YFZ1B	PC3SD21NTZAH	PC3SF11YVZAH	PR36MF21NSZH
PC123X5YUP1B	PC81710NSZ1B	PC3SD21NTZBH	PC3SF11YVZBH	PR36MF22NSZH
PC123X6YUP1B	PC81711NSZ1B	PC3SD21YTBZH	PC3SF11YWPBH	PR36MF51NSLH
PC123X7YUP1B	PC81712NSZ1B	PC3SD21NTZDH	PC3SD21NTZAH	PR36MF21NFZH
PC123X8YUP1B	PC81713NSZ1B	PC3SD21NTZSH	PC3SD21NTZBH	PR36MF51NPLH
PC123Y12FZ1B	PC81716NSZ1B	PC4SD21NTZCH	PC3SD21YTBZH	PR39MF22NSZH
PC123Y22FZ1B	PC81710NIP1B	PC4SD21NTZDH	PC3SD21NTZDH	PR39MF51NSLH
PC123Y52FZ1B	PC81711NIP1B	PC3SF21YTBZH	PC3SD21NTZSH	PR39MF51YSLH
PC123Y82FZ1B	PC81712NIP1B	PC4SF21YTBZH	PC4SD21NTZCH	PR39MF51NPLH
PC123Y92FZ1B	PC81713NIP1B	PC3SF21YVZAH	PC4SD21NTZDH	PR39MF51YPLH
PC817XNNSZ1B	PC81716NIP1B	PC3SF21YVZBH		PR3BMF51NSLH
PC817X0NSZ1B		PC4SF21YVZBH		PR3BMF51NPLH
PC817X1NSZ1B		PC3SD21YXPCB		
PC817X2NSZ1B		PC3SD21YXPKH		
PC817X3NSZ1B		PC1S3063YXPH		
PC817X4NSZ1B				
PC817X5NSZ1B				
PC817X6NSZ1B				
PC817X7NSZ1B				
PC817X8NSZ1B				
PC817X9NSZ1B				