Issue No. : BBHKN-17-00104 Issue Date : April 3, 2018

To:

Change Notification: Photo Coupler

We appreciate your continued patronage of our semiconductor products. Change is planned for our photo coupler (TLP7820/TLP7830). Please refer to the following contents. We would appreciate your understanding.

1. Affected Product :

TLP7820(E(O	TLP7820(A,E(O	TLP7820(B,E(O	TLP7820(D4,E(O
TLP7820(D4-A,E(O	TLP7820(D4-B,E(O	TLP7820(TL,E(O	TLP7820(A,TL,E(O
TLP7820(B,TL,E(O	TLP7820(D4-TL,E(O	TLP7820(D4A,TL,E(O	TLP7820(D4B,TL,E(O
TLP7820(TH-TL,E(O	TLP7820(INL-TL,E(O	TLP7830(E(O	TLP7830(D4,E(O
TLP7830(TL,E(O	TLP7830(D4-TL,E(O	TLP7830(D4KWJTLE(O	

2. Description of Changes :

Change	Packing style	Before Change	After change
Suffix code of product part number	Stick	TLP****(E(O	TLP****(LF4,E(O
	Tape	TLP****(TL,E(O	TLP****(TP4,E(O

* Refer to the following page for the details (packing code before and after the change).

3. Purpose of change : Unifying product code

* General photo couplers have two types that is normal lead and wide lead. Product having a wide lead has a suffix code of LF4 and TP4 for identification. On the other hand, only the above products have no suffix code of LF4 and TP4. Since normal lead and wide lead are difficult to differentiate for these products, product with wide lead will use a suffix code (LF4 and TP4) for unifying the code to the other products.

4. Product characteristics :

Product characteristics and reliability will not change, because of the change of packing indication (Add Code).

5. Schedule of change :

The change is planned, in order, from the production of October 2018.

6. Request

Please kindly inform us if you have any inconvenience on this change through our sales representatives by <u>September 7, 2018</u>.

Sincerely yours,

4. Istirano

F. Hirano / Manager Quality Planning Group Quality Assurance Department Buzen Toshiba Electronics Corporation

(Drafted by T. Uchino)

Before Change	After Change	Before Change	After Change
TLP7820(E(O	TLP7820(LF4,E(O	TLP7830(E(O	TLP7830(LF4,E(O
TLP7820(A,E(O	TLP7820(A-LF4,E(O	TLP7830(D4,E(O	TLP7830(D4-LF4,E(O
TLP7820(B,E(O	TLP7820(B-LF4,E(O	TLP7830(TL,E(O	TLP7830(TP4,E(O
TLP7820(D4,E(O	TLP7820(D4-LF4,E(O	TLP7830(D4-TL,E(O	TLP7830(D4-TP4,E(O
TLP7820(D4-A,E(O	TLP7820(D4ALF4,E(O	TLP7830(D4KWJTLE(O	TLP7830(D4KWJT4E(O
TLP7820(D4-B,E(O	TLP7820(D4BLF4,E(O		
TLP7820(TL,E(O	TLP7820(TP4,E(O		
TLP7820(A,TL,E(O	TLP7820(A-TP4,E(O		
TLP7820(B,TL,E(O	TLP7820(B-TP4,E(O		
TLP7820(D4-TL,E(O	TLP7820(D4-TP4,E(O		
TLP7820(D4A,TL,E(O	TLP7820(D4ATP4,E(O		
TLP7820(D4B,TL,E(O	TLP7820(D4BTP4,E(O		
TLP7820(TH-TL,E(O	TLP7820(TH-TP4,E(O		
TLP7820(INL-TL,E(O	TLP7820(INLTP4,E(O		

Packing indication per product (Add Code)