

To: Dear Customers

Sep.2024 Corporation

Toshiba Electronic Devices and Storage Corporation Semiconductor Application Engineering Center Motor Control Application Engineering Dept.

<u>Transition Notification of TB67H450/451FNG type to TB67H450/451AFNG type</u>

Toshiba Device & Storage Corporation is here to inform you that two of brushed motor drivers, TB67H450/H451 FNG type will be not recommended for new design and new model with information below.

Part Number affected:

TB67H450FNG TB67H451FNG

Effective Date:

1st October 2024

Alternative Part:

TB67H450AFNG TB67H451AFNG

TB67H450AFNG URL Link

https://toshiba.semicon-storage.com/ap-en/semiconductor/product/motor-driver-ics/brushed-dc-motor-driver-ics/detail.TB67H450AFNG.html

TB67H451AFNG URL Link

https://toshiba.semicon-storage.com/ap-en/semiconductor/product/motor-driver-ics/brushed-dc-motor-driver-ics/detail.TB67H451AFNG.html

Toshiba thanks you for the business and seeks your kind understanding and supporting on this matter. For questions regarding this notification, please contact your local sales office for information.

* More information can be found next page for the difference between FNG type / AFNG type.

Comparison Table (TB67H450)

TB67H450AFNG is fully Pin Compatible with TB67H450FNG

	TB67H450FNG	TB67H450AFNG
Pin Assignment	No Change	
Absolute Maximum Ratings	No Change	
Electrical Characteristics	No Change	
Front-end location	Japan	
Back-end location	Taiwan	
Standby Mode Input Signal Timing	With limitation	No limitation Details on page 3
package	P-HSOP8-0405-1.27-001 (Etching frame)	P-HSOP8-0405-1.27-002 (Press frame)

XTB67H450AFNG share the same input signal timing chart as of TB67H450FNG.

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Comparison table (TB67H451)

TB67H451AFNG Version is fully Pin Compatible with TB67H451FNG

	TB67H451FNG	TB67H451AFNG
Pin Assignment	No change	
Absolute Maximum Ratings	No change	
Electrical Characteristics	No change	
Front-end location	Japan	
Back-end location	Taiwan	
Standby Mode Input Signal Timing	With limitation	No limitation Details on page 3
Package	P-HSOP8-0405-1.27-002 (Etching frame)	P-HSOP8-0405-1.27-002 (Press frame)

 $\frak{MTB67H451AFNG}$ share the same input signal timing chart as of TB67H451FNG.

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