

NOTICE

Modification of transistor output

We wish to inform you that as of **July 1st, 2015**, the transistor output type will be improved to respond to rapid changes for environmental resistance in the market. The prices will remain unchanged.

■ **Timing of implementation**

For Purchase order from **July 1st, 2015** onward

■ **Improved point**

1. Hot swap-compliant
2. Enhanced transistor output device
3. Short circuit protection of output line
4. Enhanced noise characteristics resistance for power wire/output line

■ **Target products**

Transistor on-board products with TNA/TPA/TNB/TPB after the standard product name.

	Improved circuit	Current circuit
	<ul style="list-style-type: none"> • Changed from Zener diode into Varistor • Poly-switch is added to output line 	
NPN In-phase NPN Inverted		
PNP In-phase PNP Inverted		
Outer dimension		