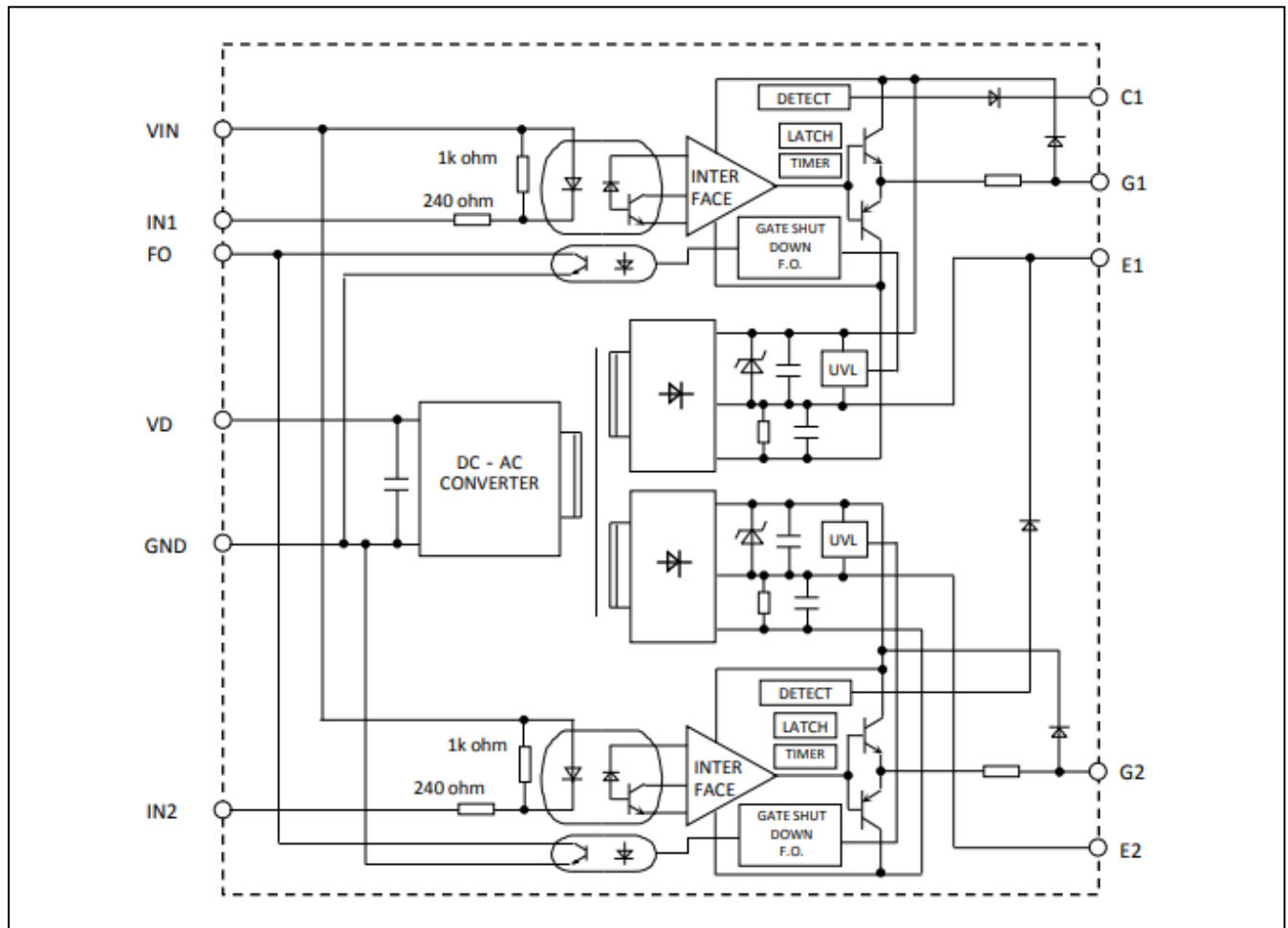


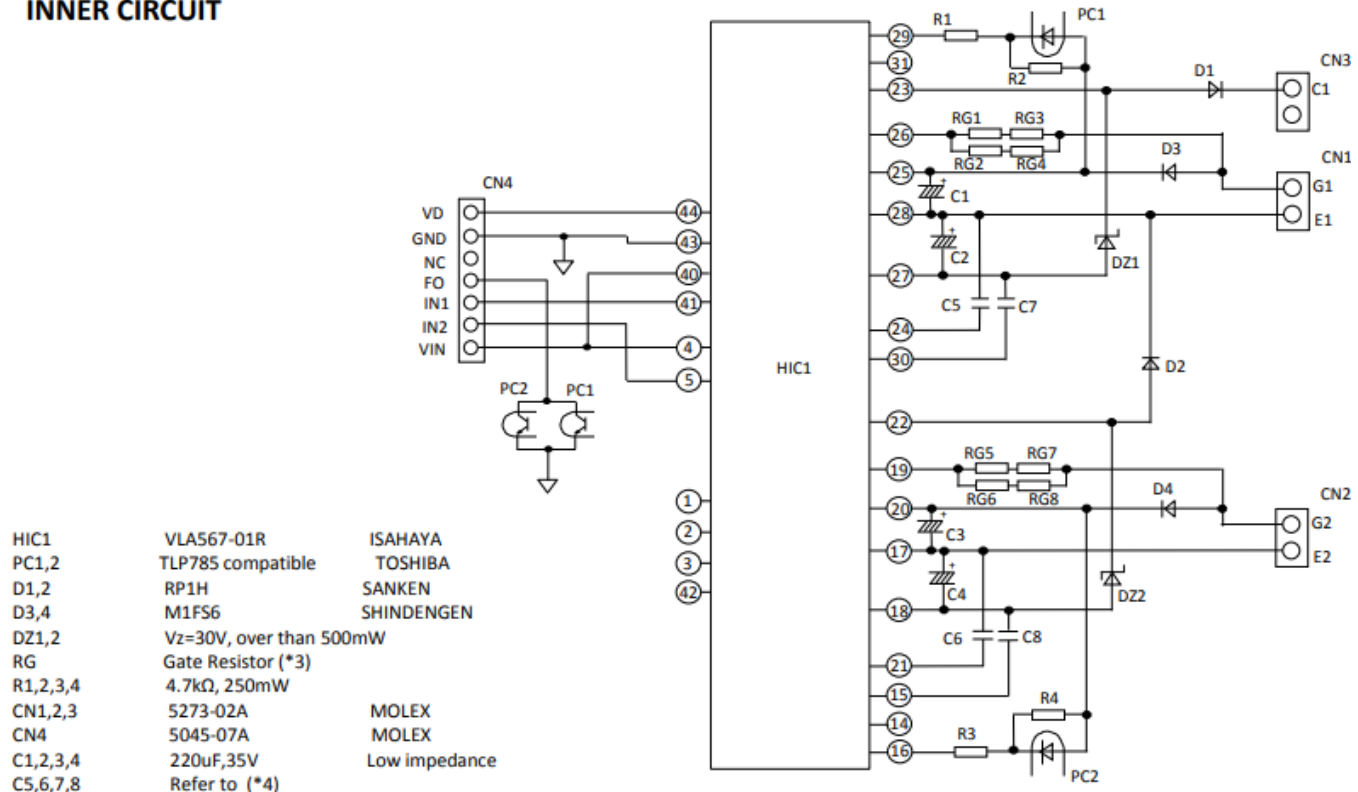
### Gate Driver: VLA567-01R (Built in DCDC converter)

#### Features:

- Built in 2 gate drive circuits
- Low Height, DIP structure
- Built in isolated type DC-DC converter for gate drive
- Output peak current is  $\pm 8A(max)$
- Built in short circuit protection
- Electrical isolation voltage is 2500Vms (for 1 minute)
- CMOS compatible input interface
- Adjustable fall time on activity of short circuit protection



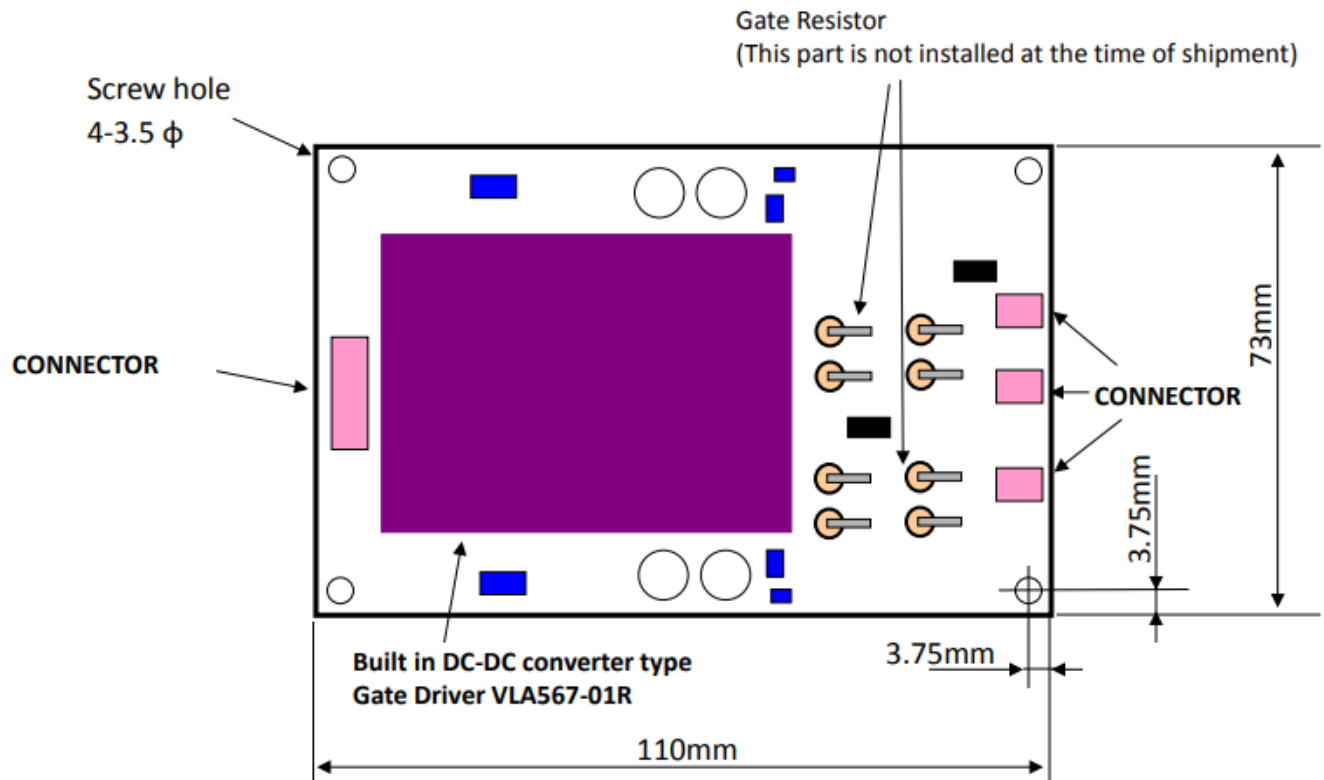
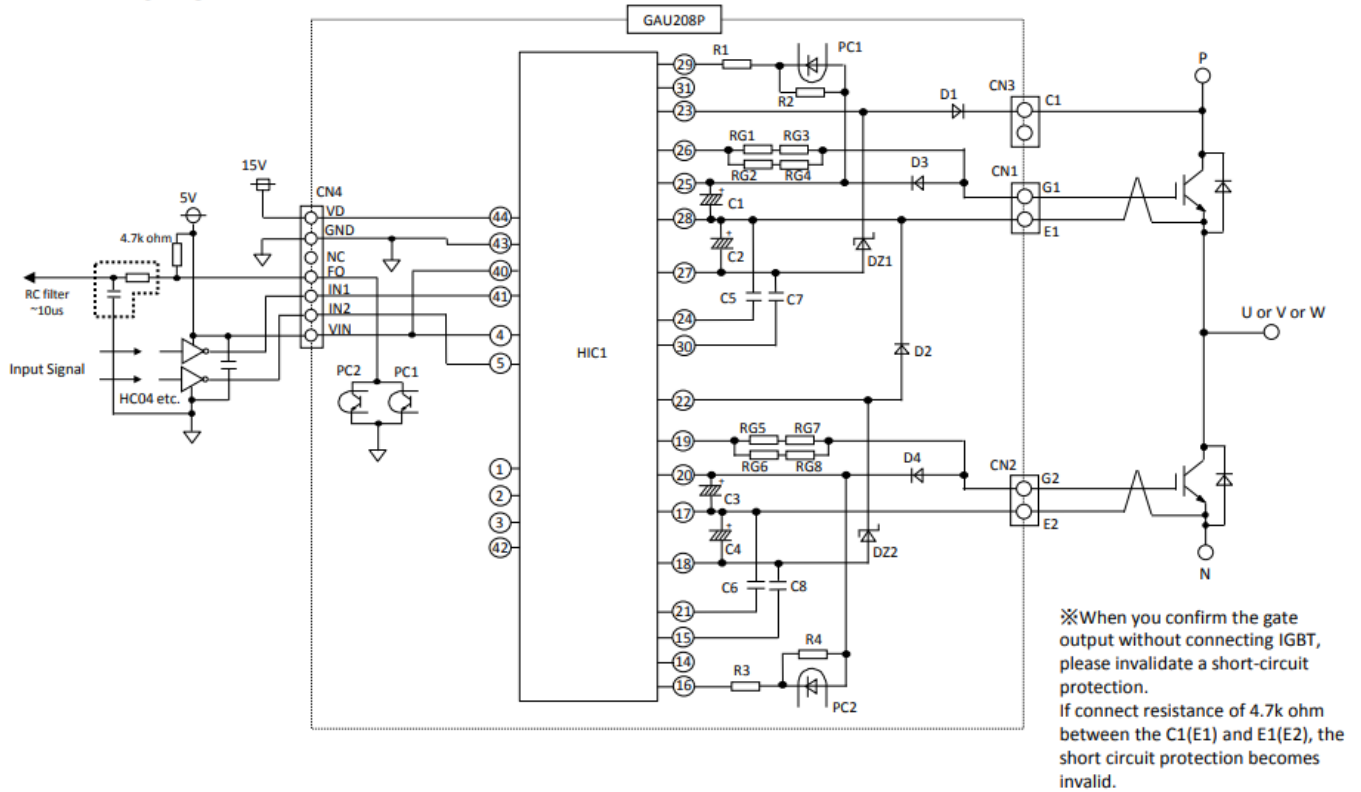
## INNER CIRCUIT



\*3) Gate Resistor is not installed at the time of shipment.  
Please solder the chosen resistor.

\*4) C5,6,7,8 is not installed at the time of shipment.  
Please solder the chosen condenser if needed. (50V,ceramic)

## APPLICATION EXAMPLE



**Keep safety first in your circuit designs!**

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