

Dual Inline Package Gate Amp Module

The first product of DIP-GAM series

Dual channel IGBT driver VLA567-01R

DIP-GAM (Dual Inline Package Gate Amp Module) is a gate driver with two circuits, productized as an IGBT module drive mainly for industrial equipment. It also includes an isolated gate power source for each circuit, making it possible to replace dual gate drive circuits of the past which consist of 4 hybrid ICs (2 DCDC converters and 2 gate drivers) with 1 hybrid IC. Moreover, by developing an IC dedicated to our company's products and curtailing the number of components, we have succeeded in reducing substantially the total cost.

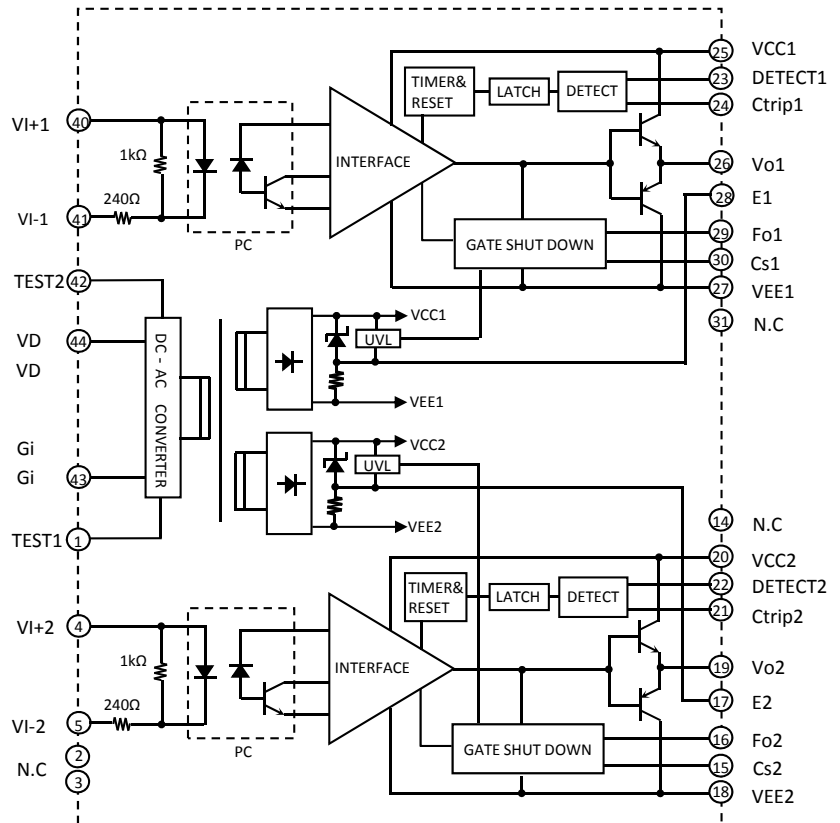


FEATURE

- >Low height, DIP structure
- >Built in 2 gate drive circuits
- >Built in isolated type DC-DC converter for gate drive.
- >Output peak current is +/-8A(max)
- >Built in short circuit protection
- >Electrical isolation voltage is 2500Vrms (for 1 minute)
- >CMOS compatible input interface
- >Adjustable fall time on activity of short circuit protection.
- >Realization of size reduction with the self-developed dedicated ICs.

TARGETED IGBT MODULES

- VCES = 600V series ~ 600A class
- VCES = 1200V series ~ 600A class



Traditional products Power supply + Driver
[VLA106 + VLA542-01R]×2sets

- >Output peak current : +/-5A(max)



VLA106 2pcs + VLA542 2pcs

DIP-GAM : VLA567-01R

- >Output peak current : +/-8A(max)
- >Built in UVLO function

