

VNI2140J - inteligentný výkonový spínač, bol navrhnutý s ST VIPower™ technológiou. Umožňuje spínať odporovú aj induktívnu záťaž.

VNI2140J zaberá plochu iba 6x5mm pričom obsahuje požadovanú logiku, obvody spínača, napájaciu časť, ochranné prvky a diagnostické funkcie.

Vlastnosti

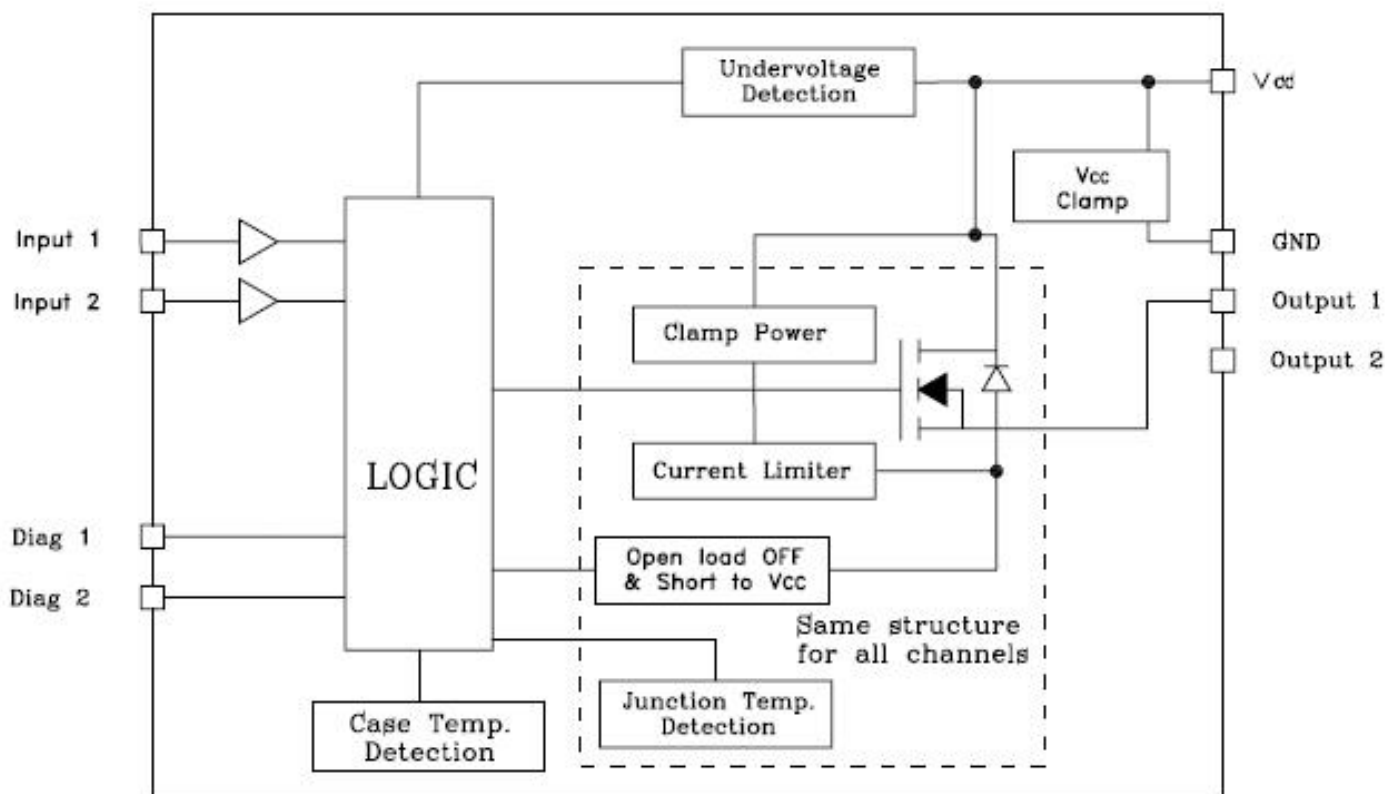
- Nominal current: 0.5 A per channel
- Shorted load protections
- Junction overtemperature protection
- Case overtemperature protection for thermal independence of the channels
- Thermal case shutdown restart not simultaneous for the various channels
- Protection against loss of ground
- Current limitation 1 A per channel
- Undervoltage shutdown
- Open load in off-state and short to VCC detection
- Open-drain diagnostic outputs
- 3.3 V CMOS/TTL compatible inputs
- Fast demagnetization of inductive loads
- Conforms to IEC 61131-2

Type	$V_{\text{demag}}^{(1)}$	$R_{\text{DSon}}^{(1)}$	$I_{\text{out}}^{(1)}$	V_{CC}
VNI2140J	$V_{\text{CC}}-45 \text{ V}$	0.08Ω	$1 \text{ A}^{(2)}$	45 V

1. Per channel

2. Current limitation

Blokové zapojenie



Odkazy

[VNI2140J Homepage](#)

[VNI2140J Datasheet](#)

Distribúcia

[vid. Adresár](#)