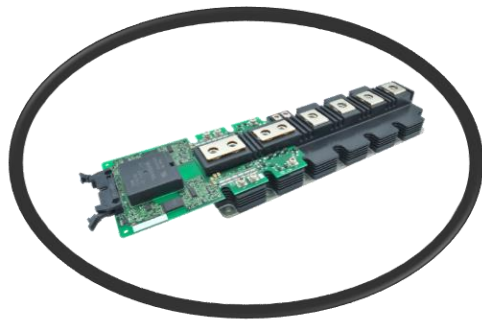


# Gate Driver for PrimePACK™3+ / 2MBI2400XRXG170-50

- ① Very small of **Surge voltage (Vce)** !
- ② Higher power DC-DC (4W/1ch) ⇒ **Higher frequency (~4.5kHz)** !
- ③ **Various protection\*** for IGBT power module safety !

\* Desaturation protection  
+ Soft turn off + Active clamp gate



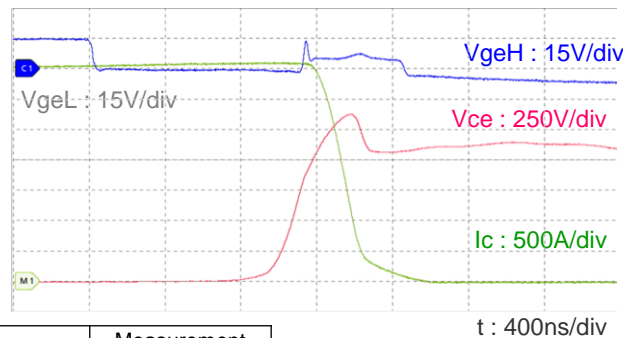
Model: 2QGxx0DDC11N

## Surge voltage

- Surge voltage can be suppressed during large current switching

Turn OFF / Ic = 3600A

2MBI1800XXG170-50



Item	Measurement value	
Vcep	1374	V
dV/dt	5.8	kV/us
di/dt	16.7	kA/us
Eoff	1155	mJ

**Reference only**

\* 2MBI2400XRXG170-50 has not been evaluated yet.

