





NCP5109

MOSFET / IGBT 200 V

NCP5109 B + A 2 N MOSFET IGBT 2 NCP5109 = 200VNCP5106 = 600V

- High Voltage Range: Up to 200 V
- dV/dt Immunity 50 V/nsec
- Gate Drive Supply Range from 10 V to 20 V
- High and Low Drive Outputs
- Output Source / Sink Current Capability 250 mA / 500 mA
- 3.3 V and 5 V Input Logic Compatible
- Up to Vcc Swing on Input Pins
- Matched Propagation Delays Between Both Channels
- Outputs in Phase with the Inputs
- Independent Logic Inputs to Accommodate All Topologies (Version A)
For more features, see the data sheet

- Current Fed push-pull converters
- Half and Full Bridge power converters
- Two switch forward power converters
- Solid state motor drives

	Pricing (\$/Unit)	Compliance	Status	Power Switch	Number of Outputs	Topology	Isolation Type	V _{in} Max (V)	V _{cc} Max (V)	Rise Time (ns)	Fall Time (ns)	Drive Source Current Typ (A)	Drive Sink Current Typ (A)	Turn On Prop. Delay Typ (ns)	Turn Off Prop. Delay Typ (ns)	Delay Matching	Packaging Type
NCP5109ADR2G	0.4069	 	Active	MOSFET / IGBT	2	High-Low	Junction Isolation	200	23	85	35	0.25	0.5	100	100	35	SOIC-8
NCP5109BDR2G	0.4069	 	Active	MOSFET / IGBT	2	High-Low	Junction Isolation	200	23	85	35	0.25	0.5	100	100	35	SOIC-8