



NCD5700

IGBT

NCD5700 IGBT UVLOEN DESAT LOW FAULT 5.0 V high/low (VOH/VOL) 16 SOIC

- High Current Output (+4.0/-6.0 A) at IGBT Miller Plateau voltages
- Low VOH and VOL
- Active Miller Clamp
- DESAT Protection with Programmable Delay
- Reduced switching losses and short switching times
- Full enhancement of IGBT
- Prevents Spurious Gate Turn-on
- Enhanced programmable protection
- DC-AC Inverter
- Battery Charger
- PFC
- Motor Driver
- Solar Inverters
- Uninterruptible Power Supplies (UPS)
- Motor Control

	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	Package Type
NCD5700DR2G	1.6005	 	Active	IGBT	1	Single	Non-Isolated	5.5	35	30	30	4	6	56	63	7	SOIC-16