

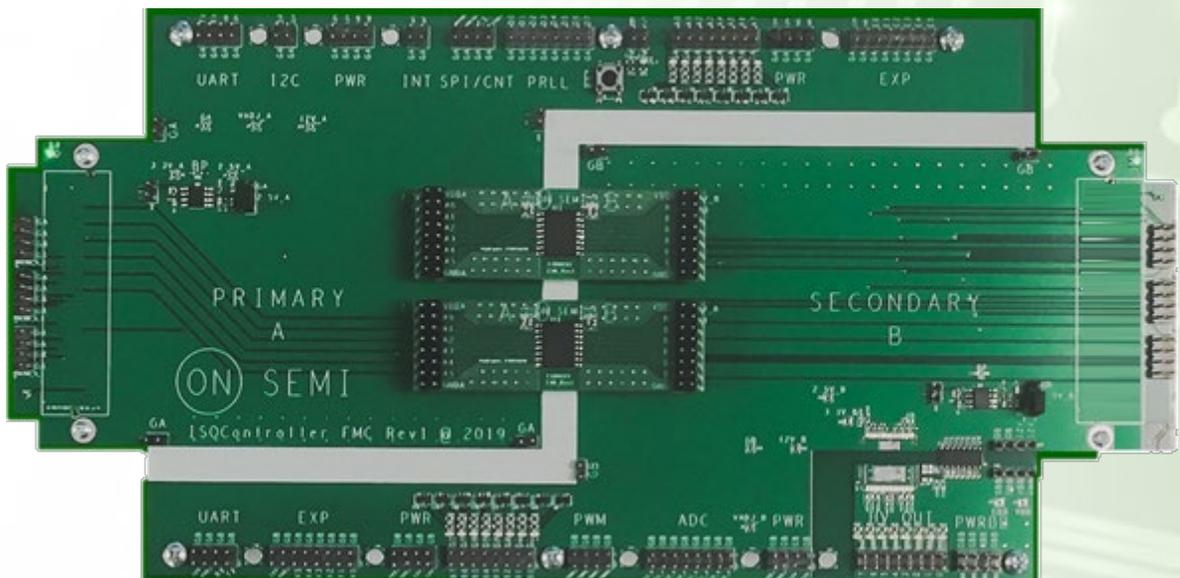
NCID(V)9211 High Speed Dual Channel, Bi-directional Ceramic Digital Isolator

Innovation

- Patented Off-chip ceramic capacitive isolation delivering 0.5mm distance through insulation
- Combines performance advantages of digital isolation with the high voltage insulation reliability of optocouplers

Value Advantage

- ✓ >0.5mm distance through insulation
- ✓ Retains full isolation even if ESD/EOS events damage the ICs
- ✓ 2,000Vpeak working voltage
- ✓ 1,500V intrinsic working voltage guaranteed by design
- ✓ Up to 50Mbit/s communication data rate
- ✓ >100kV/us common mode transient immunity
- ✓ Consistent performance across temperature
- ✓ Over temperature detection
- ✓ -40°C to 125°C extended operating temperature range
- ✓ Automotive qualified (AEC-Q100)



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