NXH800A100L4Q2F2

IGBT Module, A-Type NPC 1000 V, 800 A IGBT

Product Overview

For complete documentation, see the data sheet.

The NXH800A100L4Q2 is a power integrated module (PIM) containing a single A-type NPC stage containing 1000V FS4 IGBTs and 1000V ExtremeFast Diodes. The module contains an NTC thermistor.

Features

- Module with low thermal impedance baseplate
- Solder and press-fit options

Benefits

- Easy module mounting, Higher output power
- Flexibility to support different manufacturing processes

Applications

- DC-AC Conversion in 1500V system

End Products

- 1500V Decentralized Utility Solar Inverters
- 1500V Energy Storage Systems

Part Electrical Specifications

<table>
<thead>
<tr>
<th>Product</th>
<th>Pricing ($/Unit)</th>
<th>Compliance</th>
<th>Status</th>
<th>Configuration</th>
<th>V_BR Max (V)</th>
<th>Rated Current (A)</th>
<th>V_CE(sat) Typ (V)</th>
<th>V_F Typ (V)</th>
<th>Application</th>
<th>Package Type</th>
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