**IMT-903 Microstep driver**

*(Allegro A3979SL - T)*

The IMT-903 provides maximum functional and power density with the least power loss with < 0.7 cm².

**Advantages:**

- Just 1 IC for power and logic up to 2.5 A and 35V provides maximum space and cost reduction with little external circuitry
- Microstep up to 1/16 provides quiet and even running behavior and also reduces system resonance
- Automatic decay switchover (slow, mixed and fast) reduces power loss and motor noise considerably, and also increases step accuracy
- Extremely safe operation due to integrated overcurrent protection, undervoltage detection and crossover current protection

**Dimensions in brackets:**

*Reference JEDEC MO-151 AET*

Dimensions exclusive of mold flash, gate burrs, and damber protrusions

**Block diagram**

**Electrical characteristics**

**PIN assignments**

**Quarter step operation**

**Dimensioned diagram (mm)**

**Complete information on the Internet:** www.nanotec.de

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*Image descriptions and detailed specifications are provided in the document.*