

Implantable Pulse Generator & Controller

concept | development | testing | manufacturing | support

Engineering Expertise and Precision

- **Devices and Systems**
 - Neurostimulators, pacemakers, implantable defibrillators and LVAD devices
- **Device Design**
 - Standardized can and component configuration OR application/custom specific design
- **Electrical Design**
 - PC board/battery/antenna layout for optimal electrical operation
- **Components**
 - Lead-to-IPG connections (standard or unique), feedthrus, encapsulation and the internal assembly
- **Materials**
 - Titanium, epoxy, tecothane, ceramic, MP35N, stainless steel, platinum/platinum-iridium and silicone
- **Batteries**
 - Work with all implantable battery sources for primary or secondary batteries

Clinical Knowledge and Application

- Deep understanding of clinical conditions enabling us to see solutions others may not
- Experts in understanding and applying design and manufacturing options to meet the particular clinical application
- Experienced in developing device applications for all cardiac and neuromodulation conditions

Flexibility

- Complete design and manufacturing or work with your internal expertise



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