

PALNOVA



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# MAGNETIC PRODUCTS

WE ARE HERE TO ADD VALUE

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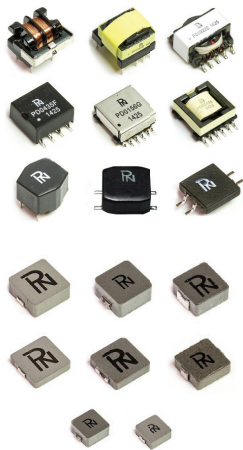
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## Magnetic Products

PalNova designs and manufactures custom magnetics as well as standard products including: transformers and inductors for high frequency Switch Mode Power Supplies, coupling transformers, RF magnetics, common mode chokes, coils, gate drive transformers, current sense transformers, pulse transformers, composite forming SMD inductors, SMD drum core inductors and more.



### Features

- Inductors
  - o Low Profile
  - o Small Size
  - o Surface Mount
  - o High Current
  - o Low DCR
  - o High Energy Storage
  - o Low-Loss Ferrite
  - o Magnetically Shielded
  - o Reflow capable
  - o RoHS compliant
  - o Pick and Place Mtn.

### Application

- o DC/DC Converter
- o DC/AC Converter
- o SMPS Pwr Supplies
- o Signal Filtering
- o Noise Filtering
- o Energy Storage
- o Notebook Computer
- o Handheld Devices



Small Form Factor SMD Inductors

## World Class Engineering & Manufacturing

All PalNova products are designed and manufactured to meet industry standard performance specifications and are RoHS compliant. For standard product details, please refer to online data sheets at [www.palnova.com](http://www.palnova.com)

### Common Mode Inductors

- o Low DCR
- o Excellent EMI
- o Performance
- o Reflow or Wave
- o Solder profiles
- o RoHS compliant
- o Pick and Place Mtn.
- o SMD & Through-hole
- o Self-Leaded Designs
- o Iron Powder or Ferrite cores

### Composite Forming Inductors

- o Ultra Low Cost
- o Low Profile
- o Low DCR
- o Low Buzz Noise
- o High Current
- o Soft Saturation
- o Iron Powder Core
- o Magnetically Shielded

### CMC Applications

- o CMC for Telecom Applications
- o Noise Suppression
- o Notebook Computer
- o Handheld Devices

### Custom Magnetics

- o Design Support
- o Sample Request
- o Quote Request
- o Order Status
- o Cross Reference Parts



SSD Mainboard



Switch Mode Power Supply



Tablet PC Mainboard



SmartMeter

NEW

PalNova's New Generation Composite Forming SMD Inductors



Composite Inductors



Shielded Drum Core Inductor



Unshielded Drum Inductors



High Current SMD Ferrite Inductors



SMD Common Mode Inductor



Switching Transformers



Flyback Transformers