



# PALNOVA

## Single Burner Induction Heating Coils For Microchip 8-bit PIC®MCUs

### Applications

Microchip Technology Inc.

8-bit PIC®MCUs for  
Single IH Burners  
Single IH Cookers

### Inductor Features

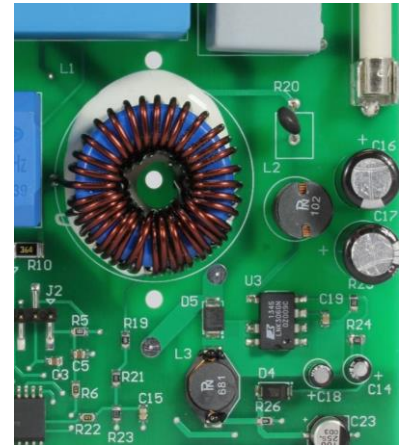
Toroid Core  
Drum Core  
Self-leaded  
Low Profile  
Small Size  
Horizontal Mount  
Vertical Mount  
Low DCR  
High Current  
Solder Profile:  
Wave Soldering  
RoHS compliant

### Technical Specs

Operating Temps  
0°C to +70°C  
UL94V-0 materials

### Burner Coil Features

Self-leaded  
Low Profile  
Horizontal Mount  
Low DCR  
High Current  
Multi Stranded Wire  
Operating Temps  
-55°C TO +180°C



PalNova coil assemblies and inductors are used with Microchip 8-bit PIC®Microcontroller PIC16F170X/171X family of MCUs.

### PH27004 & PH27005 Power Inductors

- Designed for Coil Drive Circuit at 2300 and 1200 watt operation
- Materials selected to enhance performance with large DC currents
- PCB Mounted, self-leaded coil assembly

PDB3316 SMPS power inductor

PPK1010 SMPS filter inductor

### PTS02-3184 & PTT02-2184 Induction Burner Coils

- Designed for Coil Drive Circuit at 2300 and 1200 watt operation
- Sparse winding double layer coil
- PCB Mounted, self-leaded coil assembly

PalNova is a division of Palpilot Int'l Corp., a world-class supplier of PCB design and fabrication, and electro-mechanical components. The PalNova line of magnetics offers a complete range of transformers and inductors. All PalNova inductors are designed and manufactured to meet industry standard performance specifications and are RoHS compliant. For standard product details, please refer to online data sheets, or contact PalNova. [www.palnovausa.com](http://www.palnovausa.com)

# PALNOVA

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