



# Premier Magnetics Inc.

"INNOVATORS IN MAGNETICS TECHNOLOGY"

## Highlights

- New UL/CSA Recognition's Pending
- ISP Telco Market Emphasis Outlined
- PMI joins New Gigabit Network Alliance

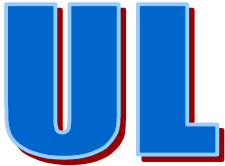
## Inside

- Premier Headquarters Expansion Completed
- New T1/CEPT Dual Core SOIC Products
- Coming soon.... XDSL Products

# Premier Magnetics

# UPDATE

Q3  
1998



## Premier to Secure UL & CSA Recognitions

*POL Family for "TOPSwitch" and Four AC Input Products Selected*

*Premier Magnetics has submitted to UL for Recognition to UL1950 and CSA the complete line of transformers designed for use with Power Integration's "TOPSwitch" off-line PWM's*

This safety recognition will facilitate customer's end product approval by UL / CSA and other Worldwide agencies and save them time and thousands of dollars in qualification costs related to the transformers.

The UL/CSA recognition combined with 90 complete sets of magnetics including T1, L1 and L2 plus our aggressive pricing will help to continue our rapid sales growth in this product area.

Premier also provides complete recommended circuit schematics with a matrix of the appropriate Power

Integrations device for each application.

**Linear AC Input products PSB, PVD, & PLP families will be UL recognized next....**

Four families of standard Premier AC Input transformers will also be UL Recognized shortly.

Transformers feature Series and Parallel secondary configurations, split bobbins, Low Profile models and shrouded versions for 4KV isolation requirements.

These products cross to competitors models from Signal, Stancor, Microtran, Prem and others.

### ISP Equipment Manufacturers

A significant part of Premier's growth over the last year has been

supporting customers who are providing a range of solutions for multimedia, high speed data transmission and Internet Service Providers.

OEM Competition is fierce and these equipment providers fall into three basic product categories. They are all vying for an increased shares of the Internet Access, phone and multimedia markets. The basic solutions breakdown as follows:

**1. TELCO** - Premier supplies magnetic products to some of the world leaders in FDDI, T1/CEPT, ISDN, and HDSL technologies.

**2. CABLE MODEM** - We work with some of the market leaders and provide DC/DC, Off-Line power products and LAN magnetics for a variety of protocols.

**3. WIRELESS** - Premier supplies power amplifier magnetics and high

frequency magnetics to a variety of wireless manufacturers.

A key factor in our success has been the range of products we can provide and many applications we support. Premier products provided range from LAN magnetics and line interface transformers to complete sets of power management products for DC/DC and Off-Line.

### **Premier Magnetics Headquarters Expanded**

*Premier Magnetics has just completed plant expansion.*

### **New Power Magnetics Design Engineers added to staff.**

Premier has just completed a recent plant expansion to accommodate sales growth and recent increases in new personnel. Photos of the US and offshore facilities will be on the Web shortly. Within two years plans are to build a new US headquarters facility.

Premier Design Engineering staff has been increased with the addition of a another very talented power supply designer. It is Premier's goal to have technical staff that understands the specific requirements of circuits beyond just the magnetics requirements.

Premier engineering support people are able to technically discuss and evaluate the customers circuit requirements so that they can offer the optimum standard or custom magnetics solution.

### **WGNA Alliance**

Premier Magnetics is proud to be one of the many companies that have joined forces to work on the new Gigabit Networking Standard, WGNA.

The WideBand Gigabit Networking Alliance has been formed to develop an open WideBand standard. This standard will insure that the Gigabit Networking Technology, which runs on copper today, is interoperable throughout the spectrum of hardware platforms, operating systems, and applications currently being used in the industry. See the WGNA web page at <http://www.wgna.org> for details.

Other WGNA partners are WideBand Corporation, Lucent, Fluke, S-MOS, Belden, WideNet and Datapoint. The International Academy of Science is host to the WGNA.

### **New TVCEPT Products**

Premier has introduced a complete line of dual core SOIC transformer products that have both transmit and receive functions in a single .450" long molded package.

The PM-IS2X family features both standard and extended temperature ranges. They are designed to be compatible with leading transceiver chip sets and cross to products from Pulse Engineering.

Prices for standard temperature ranges beginning at \$1.27 for 100K quantity. Delivery is stock to 8 weeks.

### **XDSL Magnetics**

Plans are underway to offer an extensive line of XDSL magnetics. These will support chip sets from Brooktree, Level One and others.

Premier has worked for years with the leading OEM's in A/HDSL to develop a range of custom versions of line interface magnetics. Our design engineers are thoroughly familiar with

XDSL technology and the related requirements of the magnetics.

### **Website Expanded**

- [www.premiermag.com](http://www.premiermag.com)

**The latest and most complete source of Premier Magnetics data is our website!**

Many of the detailed product specifications, recommended circuit schematics and applications notes can now be downloaded directly from the website.

XDSL Products coming soon!

### **Custom Products**

Premier offers a very complete line of standard products for Power Management and LAN-COM. Custom variations of these can be provided with minimum orders of 2K quantities.

"Total Design Solutions" can often be provided for a modest NRE charge. Premier will provide a complete recommended circuit schematic for SMPS power applications. These can be DC/DC or Off-Line Power.

In addition, Premier furnishes all necessary component values, application notes and of course, specifications for the required magnetics.