



**B33XX Series - High Performance Level
VDSL Transformer for IKANOS**

Torrance, CA., Oct. 2004

MPS Industries introduces the latest transformer for VDSL-DMT Technology with application for high speed services of broadband data and video.

The transformer supports leading edge performance with fast solutions in a smaller board estate package.

It was designed and developed in cooperation with a specialized Chip Manufacturer for a family of programmable chipsets for Broadband Access, Customer Premise Equipment (CPE) and Programmable Operating System(POS).

It is capable of greater performance, increased flexibility, longer reach, higher port density and faster broadband services, with speeds as high as 100 Mbps downstream and 50 Mbps upstream over copper wires.

The B33XX series meets IEC 60950 with supplementary insulation for working voltages up to 250Vrms. Operating Temperature ranges from -40 degrees Celsius to +85 degrees Celsius. It features a low leakage inductance with excellent Insertion Loss, Return Loss, Total Harmonic Distortion and Longitudinal Balance.

Transformers are available in EP7, EP10 and EP13 core configurations, with special attention for Custom Design using EPX7 and EPX9 cores. Packages are available in through-hole or surface mount.

Quality at MPS has always been a number one concern. MPS can design from existing customer specifications as well as work closely with Engineers to develop a viable and cost effective solution. Our manufacturing facilities are ISO9001 certified.

MPS production capability can range from quantities as low as 100 pcs to the high quantities of 1,000,000 pcs.

Call MPS or your MPS Sales Representative for more information on how we can help you on your design and manufacturing needs.