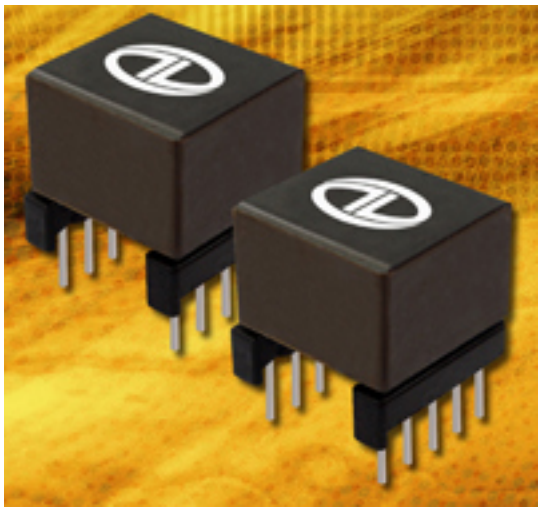
Datatronic Modem Transformer Receives Approval as a Reference Design from Teridian Semiconductor



Teridian Semiconductor Corporation has approved the new Model PT79546 V.22bis Modem Transformer from Datatronic Distribution, Inc., for use with its reference designs that include the Teridian IC Models 73M901CE and 73M1903.

The new PT79546 is a drop-in device developed to support Teridian IC reference designs including 73M2901CE and 73M1903. The Teridian 73M2901CE is a single chip low speed modem that supports basic modem functionality. The integrated data pump (supporting modulations up to ITU-TV.22 bis), controller and analog front end (AFE) are designed specifically for cost sensitive embedded applications, including satellite set-top boxes, point-of-sale terminals and automatic teller machines.

The Teridian 73M1903 is a single-chip analog front end (AFE) device used in embedded soft modem and voice applications including high speed data modems, satellite set-top-boxes, POS terminals, MFP and Fax terminals and IP phones. It offers multiple features designed to reduce the external component count and delivers robust performance with a low cost transformer DAA.

The Datatronic PT79546 Modem Transformer is a highly reliable V.22bis modem transformer for use with Teridian IC circuit designs. It provides space- efficient isolation between sensitive electronics and voice or data lines. Featuring a high dielectric strength tested to 1500 Vrms, it helps safeguard equipment users and their data by protecting them from electrical shock.

http://www.wirelessdesignmag.com/product-releases/2010/10/datatronic-modem-transformer-receives-approval-reference-design-teridian-semiconductor