

Spectrum Marketing

Presents:

Monday NewsBlasts!

Spectrum Marketing

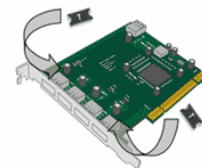
June 15th, 2009

 Tyco Electronics Our commitment. Your advantage.

Coordinated Circuit Protection Strategies Help Prevent Damage to USB Charger Systems and Portable Electronics

New charging technologies will enhance the convenience of portable electronic devices. However, these higher current applications will require more robust circuit protection to help prevent damage caused by overvoltage transients, and sustained overvoltage and overcurrent conditions. Tyco Electronics offers a wide range of coordinated and integrated circuit protection solutions for dedicated chargers, as well as host and hub charging applications.

For new USB charging applications, including dedicated chargers, hosts and hubs, Tyco Electronics recommends PolySwitch™ nanoSMDC200S devices for over current protection on each port. To support new 1.5A charging on the device side Tyco Electronics recommends, PolyZen™ ZEN056V230A16LS devices on the VBUS line. PESD0603-240 devices, on all D+ and D- line devices and host/hub, independent of USB 2.0 or USB charging, are also recommended.



1 PolySwitch™ device per 2 ports = ganged protection



Please download our [Application Note](#)

For more information, please visit www.circuitprotection.com.