

What are the base station power adapter modules

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What is a 3G base station converter?

In a 3G Base Station application, two converters are used to provide the +27V distribution bus voltage during normal conditions and power outages.

How do you align a base station and a mobile device?

There are two methods for aligning the transmitting coil (part of the Base Station) and receiving coil (part of the Mobile Device) in order for a power transfer to happen. In the first concept - called guided positioning - a user must place the Mobile Device on a certain location of the Base Station's surface.

What is a preferred power supply architecture for DSL applications?

A preferred power supply architecture for DSL applications is illustrated in Fig. 2. A push-pull converter is used to convert the 48V input voltage to +/-12V and to provide electrical isolation. Synchronous buck converters powered off of the +12V rail generate various low-voltage outputs.

What voltage does a DSL power system supply?

The DSL power system may supply both higher voltage analog line drivers and amplifiers (typ. +/-12V) and several low voltage supplies required by the digital ASIC (+5V,+3.3V,+1.8V,+1.5V).

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A Qi system consists of two types of devices - the Base Station, which is connected to a power source and provides inductive power, and Mobile Devices, which consume inductive power.

A single RoHS compliant BGA package integrates a switching controller, power switches, an inductor, and all the supporting components. In some cases, to maximize power supply ...

Power supplies can be employed in each of the three systems that compose wireless base stations. These three systems are known as the environmental monitoring system, the data ...

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