

HIGH QUALITY MAG-AMP CORES

PRODUCT SUMMARY

Description Mag-Amp technique is one of simple, the most reliable and cost-effective post regulation ways providing control on the secondary side of the auxiliary outputs in multiple-output switch mode power supplies. Therefore, Mag-Amp cores are now the industry standard for implementing high precision and high efficiency independent of outputs in switch-mode power supplies of server, telecom and personal computer applications.

Adapting MA Mag-Amp gives following attractive benefits.

1. Shorten Design Time with Reduced Total Cost

simple circuit construction with fewer component for the control circuit is achieved.

2. High Reliability

Mag-Amp can withstand instantaneous surges in current or voltage and protect output diode from voltage and current spike in circuit.

3. High Precision and Low Noise

The output voltage kept in tightly from no load to full load conditions and noise from output diode is suppressed by high inductance of Mag-Amp in series connection with diode, it's differ from semiconductor regulation(eg.MOS-FET)which adds switching noise in regulating circuit.

- Feature**
- High squareness(~98%)
 - Low coercive force field
 - Low temperature rise
 - High efficiency
 - Low reset current requirement
 - UL94V-0 compliant

- Application**
- Magnetic Amplifiers for Switched mode power supplies.(PC, Server, OA)
 - Magnetic Amplifiers for DC to DC Converter.
 - Power supplies for network products such as Hubs, etc.
 - Adapter for notebook / laptop
 - Oscillating transformer
 - Other kinds of saturable reactors