



FEATURES

- High Reliability
- Master Slave Combination
- Small Packaging
- Standard Output Voltage Adjustment (With External Potentiometer)
- Custom Control Chip Yields Compact Size with Low Cost
- Controls Standard Shindengen Diode/Transistor Pair

SPECIFICATIONS

INPUT

Voltage Range See Model Selection Table
 Max. Input Current See Model Selection Table

OUTPUT

Output Voltage See Model Selection Table
 Set Point ±2%
 Regulation
 Total ±5%
 Noise & Ripple, (peak-to-peak)
 5V Output 25 mV max.
 12V Output 25 mV max.
 Output Current See Model Selection Table
 Short-Circuit Protection Foldback with automatic reset
 Efficiency 75% - 91% (typ.)
 Remote ON / OFF
 Control Available
 Instantaneous Output
 Current 7A

ENVIRONMENTAL

Operating Ambient
 Temp. -10 to +70°C (See Derating Chart)
 Storage Temp. -30 to +85°C
 Cooling Conditions With external heat sink

FUNCTIONS

Overload Protection Current limit (automatic reset)
 Remote ON/OFF Standard
 Sync Operation Standard (with external circuit)

MODEL SPECIFICATIONS

Output			Model and Input Range		Diode	Transistor
Volts	Range*	Amps	8-32VDC	17-32VDC		
+5	3 to 11	6.0/7A PK	HLD05000M	—	D15SCA4M	2SA1600
+12	8 to 24	6.0/7A PK	—	HLE12000M	D15SCA4M	2SA1600
-5	-2 to -8	3.0	HLND05000M	—	D15SCA4M	2SA1600
-12	-8 to -20	1.9	HLND12000M	—	D15SCA4M	2SA1600

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