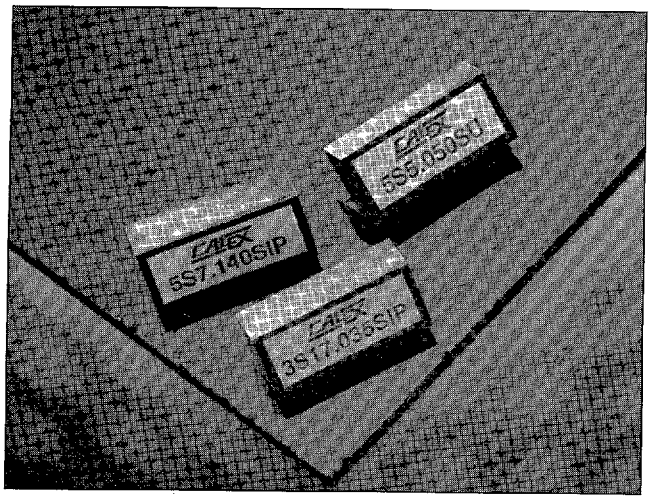
0.6 Watt SIP Series

PRELIMINARY

Industry First
3 Volt Input SIP Converters



Description

The CALEX SIP is specifically designed to provide nonstandard output voltages and isolation for the latest 3 volt digital systems. The series provides semi-regulated outputs of 5, 12 and 15 volts for directly driving your circuits or 7, 14 and 17 volt outputs for driving three terminal regulators.

The high efficiency operation of typically 70% for a 12 volt output means efficient use of your system power.

Easy four terminal operation makes using the converter a snap. Just plug it in and you are ready to solve those nasty analog problems that arise when only 3 volt digital power is available in your system.

Features

- Operating Range of 3.0 to 3.6 Volts
- Semi-Regulated 0.6 Watt Outputs
  - 5, 12, 15 and 7, 14, 17 Volt Outputs
- Simple Four Terminal Operation
- Small SIP package, Fits in 0.19 sq.in. of PCB Area
- Surface Mount Pin Option
- Low Noise Operation
- 5 Year Warranty
- ***Customs & Specials - see page D31***

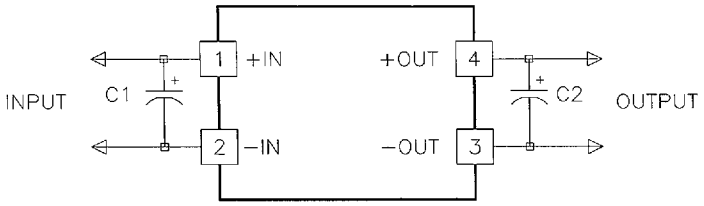
Selection Chart

Model	Input Range VDC		Output		
	Min	Max	VDC	mA	Power W
3S5.100SIP	3.0	3.6	5.0	100	0.5
3S7.080SIP	3.0	3.6	7.0	80	0.56
3S12.050SIP	3.0	3.6	12.0	50	0.6
3S14.040SIP	3.0	3.6	14.0	40	0.56
3S15.040SIP	3.0	3.6	15.0	40	0.6
3S17.035SIP	3.0	3.6	17.0	35	0.6

Load Regulation, 20% to 100% Load	7% Typical
Line Regulation	1% / % VIN Typical
Isolation	500 VDC Minimum
I/O Capacitance	8 pF Typical
Operating Temperature Range	0 to 70°C

Ph: (510) 687-4411
FAX: (510) 687-3333
800-542-3355
CALEX

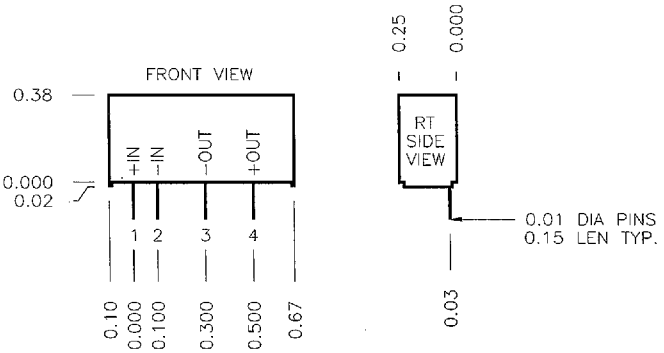
Application



C1 = 10µF if converter is more than 2" from the main power source.

C2 = 10µF minimum, may be spread around your board.

Pin Out



CALEX
2401 Stanwell Drive
Concord, CA 94520-4841
800-542-3355