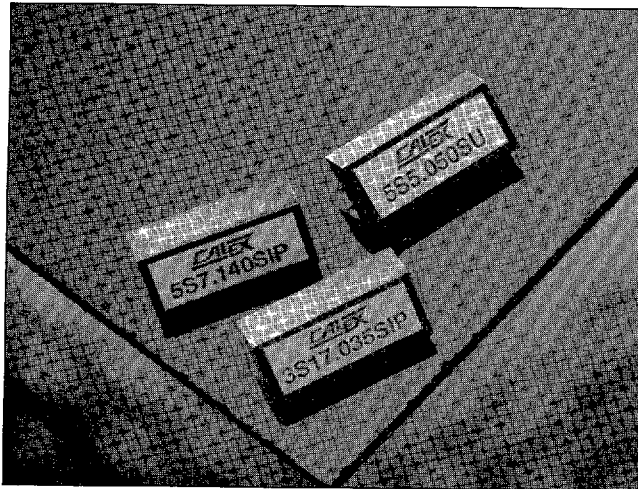


# .25 Watt SU Series

Single Output



## Description

The CALEX SU is specifically designed to bridge the gap from 2 cell battery or 3.3 volt digital systems to 5 volt analog subsystems. The high efficiency operation of typically 75% for a 3.3 volt input means efficient use of your system power.

A remote ON/OFF pin allows the converter to be placed in a low power state which draws less than 1  $\mu$ A from the input source.

Easy three terminal operation makes using the SU a snap. Just plug it in and you are ready to solve those 5 volt analog problems.

**PRELIMINARY**



## Features

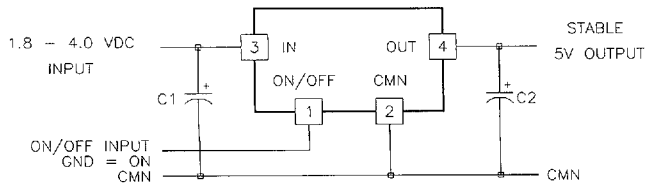
- Operating Range of 1.8 to 4.0 Volts
  - 2 Cell or 3.3 volt operation
- Stable 5 Volt Output @ up to 50 mA
  - Up to 80 mA peak Output Available at 3.3 Volt Input
- Remote ON/OFF Pin for Low Power Shutdown
- Simple Three Terminal Operation
- Small SIP Package, Fits in 0.19 sq.in. of PCB Area
- Surface 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
3S5.050SU	1.8	4	5	50	0.25

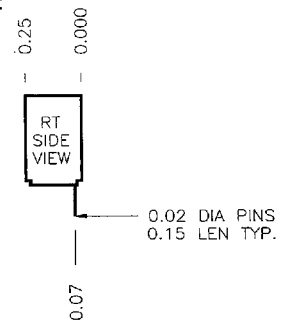
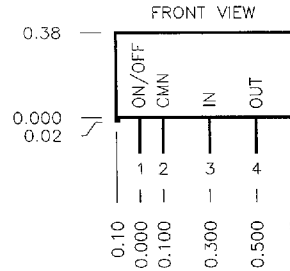
# .25 Watt SU Series

## Application



C1 = 10 $\mu$ F if converter is more than 2" from the main power source.  
C2 = 10 $\mu$ F minimum, may be spread around your board.

## Pin Out



X.XX  $\pm 0.020$   
X.XXX  $\pm 0.005$

