



High Efficiency, Dual Output $\pm 15\text{VDC}$, 1Amp, Switching Regulator from +5VDC source
Drop-in replacement for TI or Power Trends PN: PT5061A



Installed Height Vert: 1.060"

Installed Height TH: 0.282"

Installed Height SMT: 0.343"

- » Input Voltage Range: +4.75VDC to + 5.5VDC
- » Current Rating: +15V @ 1 Amps Max Continuous, (2 Amp Peak) Output Current
- » Current Rating: -15V @ 500mA Max Continuous, (1 Amp Peak) Output Current
- » High Efficiency over 90%
- » Fixed 500-kHz Switching frequency for Small filter size.
- » Idle Mode™ control scheme. The controller operates in PWM mode at medium and heavy loads for lowest noise and optimum efficiency, then pulses only as needed (with reduced inductor current) to reduce operating current and maximize efficiency under light loads.
- » Equipped with Soft Start when LDO is above 2.5V
- » Operating temperature: -40°C to 80°C
- » Storage temperature: -40°C to 125°C
- » Can be configured as a thru Hole Device, Surface Mount Device or as a Vertical Installation Device
- » Serves as a pin compatible drop in replacement for the TI or Power Trends PN: **PT5061A**

Note: $\pm 15\text{VDC}$ Fixed Outputs (Non-adjustable)

Module Pin-Out information:

Pin 1: -15VDC Output, (500mA) Max Continuous
Pin 2: GND
Pin 3: +5 VDC Input
Pin 4: +5 VDC Input
Pin 5: +5 VDC Input
Pin 6: GND
Pin 7: GND
Pin 8: +15VDC Output,
Pin 9: +15VDC Output, (1Amp) Max Continuous
Pin 10: +15VDC Output,
Pin 11: N/C
Pin 12: N/C

Find them at: www.lsi-controls.com/AcuWattShop.html

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