


Product	D1067
Product Info	2A, 25V, Non synchronous Rectified Step-Down
Description	<p>The D1067 is a monolithic step-down switch mode converter with a built in internal power MOSFET. It achieves 2A continuous output current over a wide input supply range with excellent load and line regulation. The D1067 requires a minimum number of readily available standard external components.</p> <p>Current mode operation provides fast transient response and eases loop stabilization. Fault condition protection includes cycle-by-cycle current limiting and thermal shutdown. In shutdown mode the regulator draws 25μA of supply current.</p>
Features	<ul style="list-style-type: none"> ● 2A Output Current ● 0.22Ω Internal Power MOSFET Switch ● Stable with Low ESR Output Ceramic Capacitors ● Up to 95% Efficiency ● 25μA Shutdown Mode ● Fixed 450KHz Frequency ● Thermal Shutdown ● Cycle-by-Cycle Over Current Protection ● Wide 4.75 to 25V Operating Input Range ● Output Adjustable from 1.22V to 21V ● Programmable Under Voltage Lockout
Applications	<ul style="list-style-type: none"> ● Distributed Power Systems ● Battery Chargers ● Pre-Regulator for Linear Regulators ● PC Monitors
Typical Application	
I_{OUT} (Max)	2 A
V_{IN} Range	4.75 to 25 V
Y_{OUT}	ADJ
Feed back V_{ol}	1.22 V

tage	
Switch Frequency	450 kHz
Adjustable Output	1.22 to 21
Package	SOP-8
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