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### **DC/DC Converters**



#### ADP2138 and ADP2139: Compact, 800 mA, 3 MHz, Step-Down DC-to-DC Converters

(ADP2139 has internal discharge switch as well)

#### **Key Features**

- Input voltage: 2.3 V to 5.5 V
- Peak efficiency: 95%
- 3 MHz fixed frequency operation
- Typical quiescent current: 24 µA
- 6-lead, 1 mm × 1.5 mm WLCSP package
- Fast load and line transient response
- 100% duty cycle low dropout mode
- Internal synchronous rectifier, compensation, and soft start
- Current overload and thermal shutdown protections
- Ultralow shutdown current: 0.2 µA (typical)
- Forced PWM and automatic PWM/PSM modes

#### Applications

- PDAs and palmtop computers
- Wireless handsets
- Digital audio, portable media players
- Digital cameras, GPS navigation units



Mfr Part #	Farnell#	Description
DC/DC Converters	Click Here	ADP2138 and ADP2139: Compact, 800 mA, 3 MHz, Step-Down
		DC-to-DC Converters (ADP2139 has internal discharge switch as well)



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