

# SMALLEST STEP-UP DC-DC OPERATES ON JUST 1.5μA!

## A Complete Solution: Only Three Small External Components and No Diode

The MAX1722/MAX1723/MAX1724 are low-cost, high-efficiency, step-up DC-DC converters in SOT23 packages. They feature a proprietary current-mode control scheme that provides fast transient response. Internal synchronous rectification ensures high efficiency and eliminates the external diode required with other SOT step-up DC-DCs. Output currents are up to 150mA.

### Smallest and Thinnest Step-Up DC-DC with Lowest Supply Current

PART	OUTPUT* (V)	SHDN	LOW-EMI CIRCUITRY
MAX1722EZK	Adjustable	No	Yes
MAX1723EZK	Adjustable	Yes	No
MAX1724EZK27	Fixed 2.7	Yes	Yes
MAX1724EZK30	Fixed 3.0	Yes	Yes
MAX1724EZK33	Fixed 3.3	Yes	Yes
MAX1724EZK50	Fixed 5.0	Yes	Yes

\*Contact factory for other fixed output voltages.

- ◆ Ultra-Low 1.5μA Quiescent Supply Current
- ◆ Only Three Small External Components Required
- ◆ Guaranteed 0.91V Startup
- ◆ Internal EMI-Suppression Circuitry
- ◆ Fixed or Adjustable Output Voltages
- ◆ 0.1μA Shutdown Supply Current
- ◆ Thin 5-Pin SOT23 Package (1mm height)
- ◆ Evaluation Kit Available to Speed Designs



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