

## MAX662A

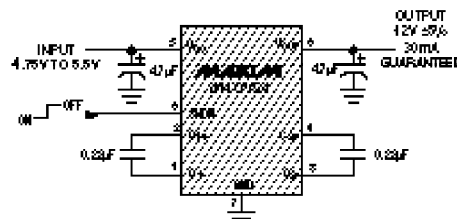
- Entire circuit fits in 0.1in<sup>2</sup>
- Requires no inductors
- Uses only 4 small, low-cost capacitors
- 1μA logic-controlled shutdown
- Guaranteed 12V ±5% output
- 40mA output (30mA guaranteed)
- 4.75V to 5.5V input range
- Available in C, E, and M temperature ranges
- Pre-assembled evaluation kit (MAX662AEVKIT-SO)

The MAX662A is a 12V, 30mA flash memory programming power supply. It provides the necessary 12V ±5% output to program Intel Flash memories, and needs no inductors to deliver a guaranteed 30mA output from inputs as low as 4.75V. This step-up voltage converter is the smallest and lowest-cost programming solution, and the first to eliminate inductors. The complete circuit fits into less than 0.1in<sup>2</sup> and requires only a few inexpensive, tiny capacitors.

A logic-level programming control input interfaces directly with microprocessors. Quiescent current is 185μA when on, and only 1μA when off.

The MAX662A is available in the commercial (0°C to +70°C), extended industrial (-40°C to +85°C), and military (-55°C to +125°C) temperature ranges. It comes in 8-lead SOIC, DIP, and CERDIP packages. The MAX662AEVKIT-SO is a complete pre-assembled evaluation kit that saves hours of component gathering and board design time.

### 12V Flash Memory Programmer Fits In 0.1 In<sup>2</sup>—Uses No Inductors



#### INTEL FLASH MEMORY SUPPORTED:

28F010, 28F001BX, 28F020, 28F002BC,  
28F002BL, 28F002BV, 28F002BX,  
28F200BL, 28F200BV, 28F200BX,  
28F200CV, 28F004BE, 28F004BL,  
28F004BV, 28F004BX, 28F004SC,  
28F400BL, 28F400BV, 28F400BX,  
28F400CE, 28F400CV, 28F008BE,  
28F008BV, 28F008SA, 28F008SC,  
28F800BV, 28F800CE, 28F800CV,  
28F016SA, 28F016SC, 28F016SV,  
28F016XD, 28F016XS, 28F032SA,  
Series 2 Cards, Series 2+ Cards, Value  
Series 100 Cards, Series 100 Miniature  
Cards

#### AVAILABILITY:

Now

#### CONTACT:

Maxim Integrated Products  
120 San Gabriel Drive  
Sunnyvale, CA 94086  
Phone: (408) 737-7600  
FAX: (408) 737-7194  
WWW: <http://www.maxim-ic.com>