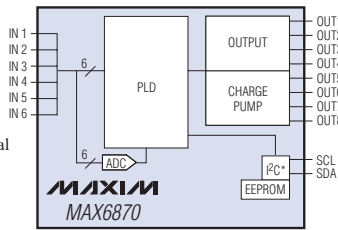


## Highest Integration

### Hex EEPROM Sequencer

- Six-Voltage Monitor with Internal 10-Bit ADC, Eight Programmable Outputs Control
- ◆ DC/DC Enable and Shutdown Pins
- ◆ External n-Channel Pass FET Using an Internal Charge Pump
- ◆ ASIC/FPGA/DSP/RESETS

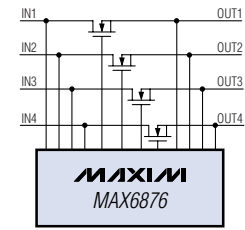


## Highest Reliability

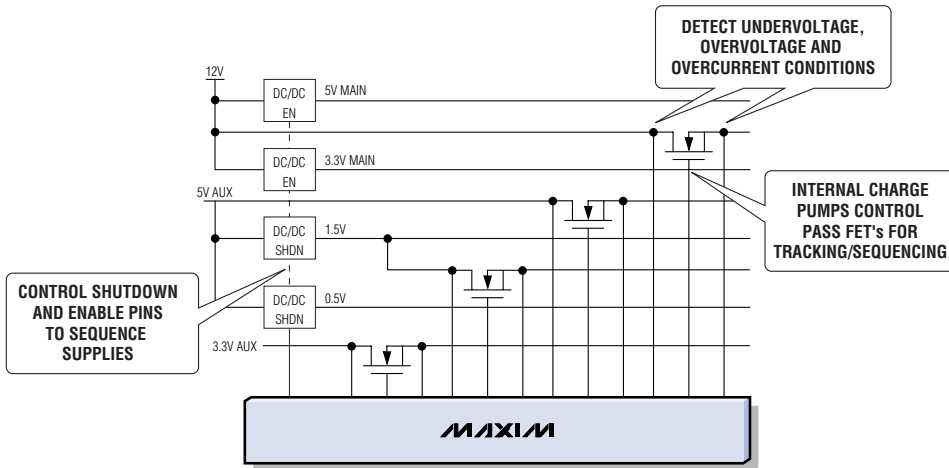
### Quad EEPROM Tracker

- ◆ Detects Undervoltage, Overvoltage, and Overcurrent Conditions
- ◆ Internal Charge Pump Ensures External n-FET Enhancement
- ◆ Performs Orderly Tracking or Sequencing During Power-Up and Power-Down Operations

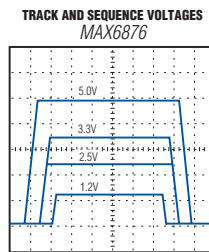
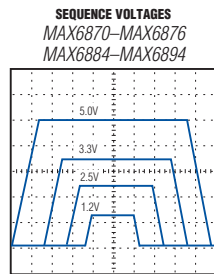
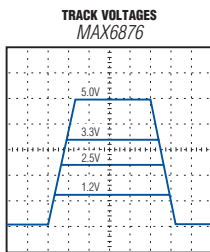
### CLOSED-LOOP CONTROL ENSURES RELIABLE TRACKING



# MONITORING, SEQUENCING, AND TRACKING SOLUTIONS INCREASE SYSTEM RELIABILITY AND SIMPLIFY DESIGN



## Control Power-Up/Power-Down in High-Reliability Systems such as Networking, Telecom, Servers, and Storage Equipment



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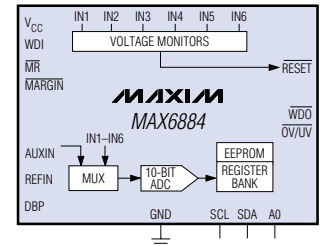
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## Highest Accuracy

1% ACCURATE THRESHOLDS  
FROM 0.5V TO 5.8V

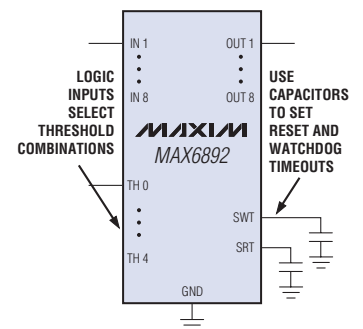


### Hex Supervisor with 10-Bit ADC

- ◆ I<sup>2</sup>C-Configurable Overvoltage and Undervoltage Thresholds\*
- ◆ Auxiliary ADC-Monitored Input for Temperature or Current Sensing
- ◆ Reference Input for Greater Accuracy
- ◆ Watchdog Timer
- ◆ MARGIN and Manual-Reset Pins

\*Pin-selectable (MAX6886) and fixed-threshold (MAX6887/MAX6888) versions also available.

## Simplest to Use



### Octal Pin-Selectable Sequencer/Supervisor\*

Beats the Competition Four Ways

1. Better Accuracy—1% Threshold Accuracy Improves Reliability
2. More Threshold Options—32 Pin-Selectable Configurations for Greater Flexibility
3. More Outputs Control More DC/DC Converters
4. Small, 5mm x 5mm TQFN Saves Board Space

\*I<sup>2</sup>C-configurable versions also available (MAX6889/MAX6890/MAX6891).