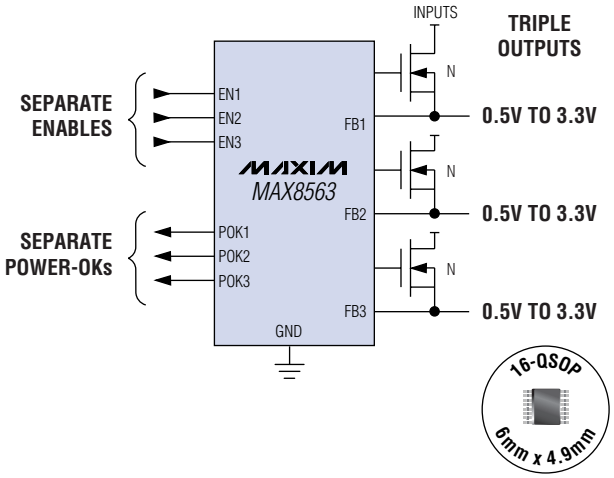
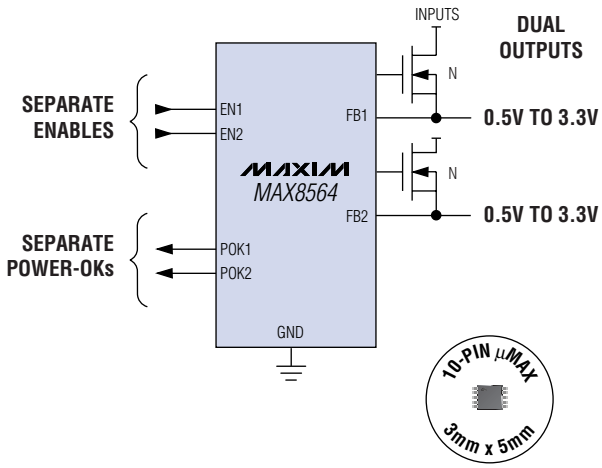
DUAL AND TRIPLE LINEAR REGULATORS WITH INDEPENDENT ENABLE CONTROL SIMPLIFY OUTPUT SEQUENCING

±1% Regulation over Temperature with Ultra-Low Output Voltage Capability

MAX8563/MAX8564 are the next-generation linear voltage regulators that generate three or two voltages respectively with 1.0% accuracy over the entire temperature range. Using low-cost n-FETs, the output dropout can be as little as tens of millivolts. Individual enable control for each output facilitates sequencing of the output voltages. With the programmable outputs between 0.5V and 3.3V, these linear regulators power cores and I/Os of microprocessors with sequencing requirements.

INTEGRATED SOLUTIONS SIMPLIFY SEQUENCING





- ± 1% Feedback Regulation over Temperature
- Adjustable Output Voltage Down to 0.5V
- Permits Ceramic Output Capacitor Designs
- Overload Protection
- Individual Enable Controls and POK Signals Allow Sequencing
- Under-Voltage and Short-Circuit Protection
- Drives N-Channel MOSFETs

MAXIM

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