### High Voltage Hot Swap Controllers

**LT4250**: –48V Hot Swap™ Controller with Circuit Breaker

- Circuit Breaker Immunity to Voltage Steps and Current Spikes
- Adjustable Inrush and Short-Circuit Current Limits
- Adjustable Undervoltage and Overvoltage Protection
- Power Good Control Output
- Operation Up to 80V
- Pin-Compatible Upgrade to LT®1640
- LT4250L: PWRGD Output
- LT4250H: PWRGD Output

**LTC4252C**: –48V Hot Swap Controller with Active Current Limit

- Very High Voltage Floating Topology
- Adjustable Analog Current Limit with Circuit Breaker Timer
- Fast Response Time Limits
- Peak Fault Current
- Adjustable Soft-Start Current Limit
- Adjustable Timer with Drain Voltage
- Accelerated Response
- Adjustable 1% Accurate Undervoltage and Overvoltage Protection
- LTC®4252C-1: Latchoff After Fault
- LTC4252C-2: Auto-Retry After Fault

**LTC4261**: –48V Hot Swap Controller with I2C Control and Monitoring

- Very High Voltage Floating Topology
- Independently Adjustable Inrush and Overcurrent Limits
- Controlled Soft-Start Inrush
- 10-Bit ADC Monitors Current and Voltage
- Alert After Faults
- Sequenced Power Good Outputs
- Adjustable Undervoltage and Overvoltage Protection
- Adjustable Latchoff or Auto-Retry After Fault

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LT4256: +48V Hot Swap Controller with Active Current Limit

- Adjustable Analog Current Limit with Circuit Breaker Timer
- 100V Absolute Maximum Rating
- Foldback Current Limiting
- Undervoltage Protection
- LT4256-1: Latchoff After Fault
- LT4256-2: Auto-Retry After Fault
- LT4256-3: Open-Circuit Detect

LTC4260: +48V Hot Swap Controller with I²C Control and Monitoring

- I²C/SMBus Interface
- 8-Bit ADC Monitors Current and Voltage
- Alert Host After Faults
- Adjustable Analog Current Limit with Circuit Breaker Timer
- 100V Absolute Maximum Rating
- Foldback Current Limiting
- Undervoltage and Overvoltage Protection
- Optional Latchoff or Auto-Retry After Faults

High Voltage Hot Swap Controller Selection Guide

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<td>Fast Circuit Breaker</td>
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