

Comparator Selection Guide

| Device | Description | Response Time | Supply Current | Input Offset | | Supply Range | Package | Comments |
|---------|--|---------------|----------------|----------------|--------------------|--------------|--------------|--|
| | | | | Voltage (max.) | Input Bias Current | | | |
| MIC6270 | High-Voltage Comparator | 600ns | 0.3mA | 5mV | 25nA | 2V–36V | 5-Pin SOT-23 | |
| MIC7211 | Rail-to-Rail Input Comparator | 4 μ s | 5 μ A | 10mV | 5pA | 2.2V–10V | 5-Pin SOT-23 | Push-Pull Output. |
| MIC7221 | Rail-to-Rail Input Comparator | 4 μ s | 5 μ A | 10mV | 5pA | 2.2V–10V | 5-Pin SOT-23 | Open-Drain Output. |
| MIC833 | Comparator and Reference w/Adjustable Hysteresis | 5 μ s | 1 μ A | n/a | 5pA | 1.5V–5.5V | 5-Pin SOT-23 | Internal 1% Reference. |
| MIC834 | Comparator and Reference | 5 μ s | 1.5 μ A | n/a | 5pA | 1.5V–5.5V | 5-Pin SOT-23 | Internal 1% Reference. |
| MIC841 | Comparator and Reference w/Adjustable Hysteresis | 12 μ s | 1.5 μ A | n/a | 5pA | 1.5V–5.5V | 5-Pin SC-70 | Internal 1.25% Reference. |
| MIC842 | Comparator and Reference | 12 μ s | 1.5 μ A | n/a | 5pA | 1.5V–5.5V | 5-Pin SC-70 | Internal 1.25% Reference. |
| MIC845 | Micro-Power Comparator Battery Monitor | 12 μ s | 1.0 μ A | n/a | 5pA | 2.75V–5.5V | 5-Pin SC-70 | Internal 2% Reference, 2.55V Reference. |