

# PC Card/PCMCIA/CardBus Power Distribution Switch Selection Guide

## Micrel Advantage

- Single Chip Smallest Footprint Solution
- First Company with PCMCIA Solution

Device	Slots Supported	V <sub>CC3</sub> On-Resistance	V <sub>CC5</sub> On-Resistance	V <sub>PP</sub> On-Resistance	Current Limit	Thermal Shutdown	Charge Pump <sup>(1)</sup>	Package
MIC2560	Single	40mΩ	70mΩ	550mΩ	Yes	Yes		WSOIC-16
MIC2561	Single	110mΩ	210mΩ	550mΩ	Yes	Yes		SOIC-14
MIC2562A	Single	100mΩ	70mΩ	600mΩ	Yes	Yes	Yes	SOIC-14, TSSOP-16
MIC2563A	Dual	100mΩ	70mΩ	600mΩ	Yes	Yes	Yes	SSOP-28
MIC2564A	Dual	120mΩ	85mΩ	1300mΩ	Yes	Yes	Yes	SSOP-24, TSSOP-24
MIC2566	Single	120mΩ	85mΩ	—	Yes	Yes	Yes	SOIC-14, TSSOP-14
MIC2568	Dual	120mΩ	85mΩ	—	Yes	Yes	Yes	SSOP-28, TSSOP-28
MIC2569		90mΩ	—	275mΩ	Yes	Yes	Yes	QSOP-16

1. 12V is not required for switching when equipped with a charge pump.