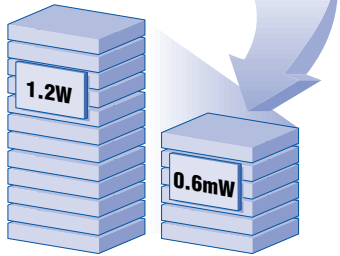


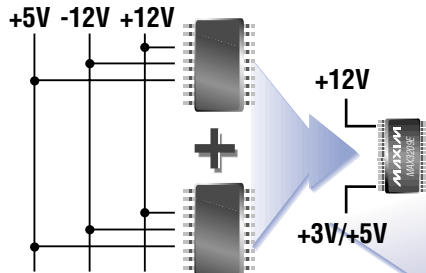
# SMALLEST, LOWEST POWER, DUAL RS-232 SERIAL PORT HAS ±15kV ESD PROTECTION

50µA Standby Supply Current Allows MAX3209E to Meet Desktop ACPI Specifications

## LOWEST POWER



## SIMPLIFIED SUPPLY (eliminate -12V)



- ◆ Two Complete Serial Ports in a 38-Pin TSSOP Package
- ◆ Low 50µA Shutdown Standby Current
- ◆ Requires Only +12V Supply and Logic

- ◆ ±15kV ESD Protection Ensures International Compliance
- ◆ ±15kV IEC 1000-4-2 Air-Gap Discharge
- ◆ ±15kV Human Body Model
- ◆ ±8kV IEC 1000-4-2 Contact Discharge
- ◆ ±4kV IEC 1000-4-4 EFT\*

## ALL IN A SPACE- SAVING TSSOP

277mm<sup>2</sup>

64mm<sup>2</sup>



PART	SUPPLY VOLTAGE (V)	ESD PROTECTION	DATA RATE	MOUSE DRIVEABILITY	RECEIVERS ACTIVE IN SHUTDOWN	SHUTDOWN SUPPLY CURRENT	POWER CONSUMPTION	PACKAGE
MAX32309E	+12 +3/+5	±15kV	460kbps	Guaranteed	1 Per Port	50µA	0.6mW	38-Pin (TSSOP)
Competition (2 TI 75185s)	+12 -12 +5	N/A	120kbps	N/A	N/A	N/A	1.2W	2 x 20-Pin (SO)

\* Pending completion of testing.



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