

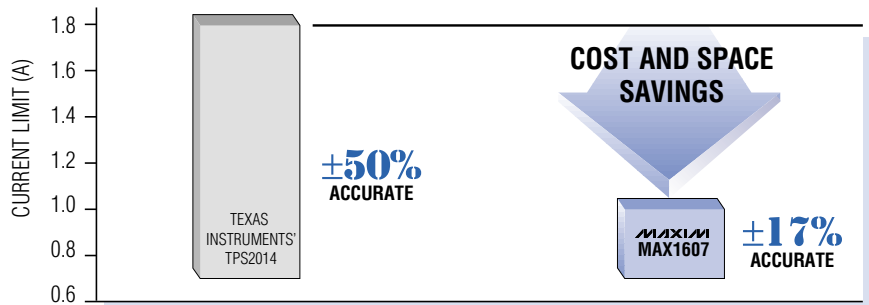
# LOWER COST, HIGHER ACCURACY UPGRADE FOR TI's USB SWITCH

Exciting Pin-Compatible Improvement Over TI Approach

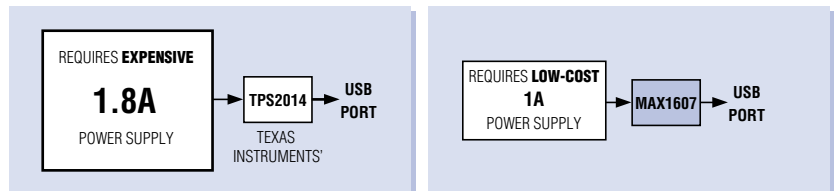
## MAX1607

- ◆ Lowest Cost: \$0.80 @ 1k\*
- ◆ Pin Compatible with Texas Instruments' TPS2014
- ◆  $\pm 17\%$  Current-Limit Accuracy (0.7A min; 1.0A max)
- ◆ Lowest On-Resistance (0.06 $\Omega$ )
- ◆ Small 8-Pin SO Package
- ◆ 10ms Overcurrent Blanking Prevents False System Resets

## MAX1607's TIGHT ACCURACY...



## ...LOWERS POWER SUPPLY COST



Guaranteed maximum current limit defines the highest current that can be drawn from a protected USB port when an overcurrent or short-circuit condition occurs. If the system power supply cannot deliver this maximum current, the system voltage will be dragged down before the current limit kicks in—causing a system glitch. The MAX1607's tight current-limit accuracy permits a smaller, less expensive power supply. (For similar features in a 10-pin  $\mu$ MAX package, consider the MAX1693.)

\*1000-up recommended resale, FOB USA



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