

# WORLD'S SMALLEST CHARGE PUMPS ARE 50% SMALLER THAN COMPETITION

## 15Ω Impedance & 30mA Output Are Better than Larger SOT23 Rivals

The MAX1852 and MAX1853 are the world's first charge pumps to be packaged in the ultra-small 6-pin SC70. They maintain a low 15Ω output impedance, and they provide a guaranteed 30mA. Both devices feature a logic-controlled 0.1μA shutdown and slew-rate limiting to reduce output noise and EMI. The MAX1853 switches at 200kHz to minimize capacitor size (0.68μF). The MAX1852 runs more slowly (50kHz) to reduce quiescent supply current.

**WORLD'S SMALLEST SC70 CHARGE-PUMP INVERTER FOR LCDs AND GaAsFET BIASES**

**SMALL...**

SOT23

**JUST GOT SMALLER...**

SC70

The MAX1852/MAX1853 fit in the SC70 package, which is just 2mm x 2.1mm in size. They are half the size of their SOT rivals and offer better performance. They are perfect for LCD bias and GaAsFET PA bias applications.

- ◆ World's First Charge Pumps in Ultra-Small SC70 Package
- ◆ Guaranteed 30mA Output
- ◆ Low 15Ω Output Impedance
- ◆ 60μA Quiescent Supply Current (MAX1852)
- ◆ Small 0.68μF Capacitors (MAX1853)
- ◆ Slew-Rate Limited to Reduce EMI



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