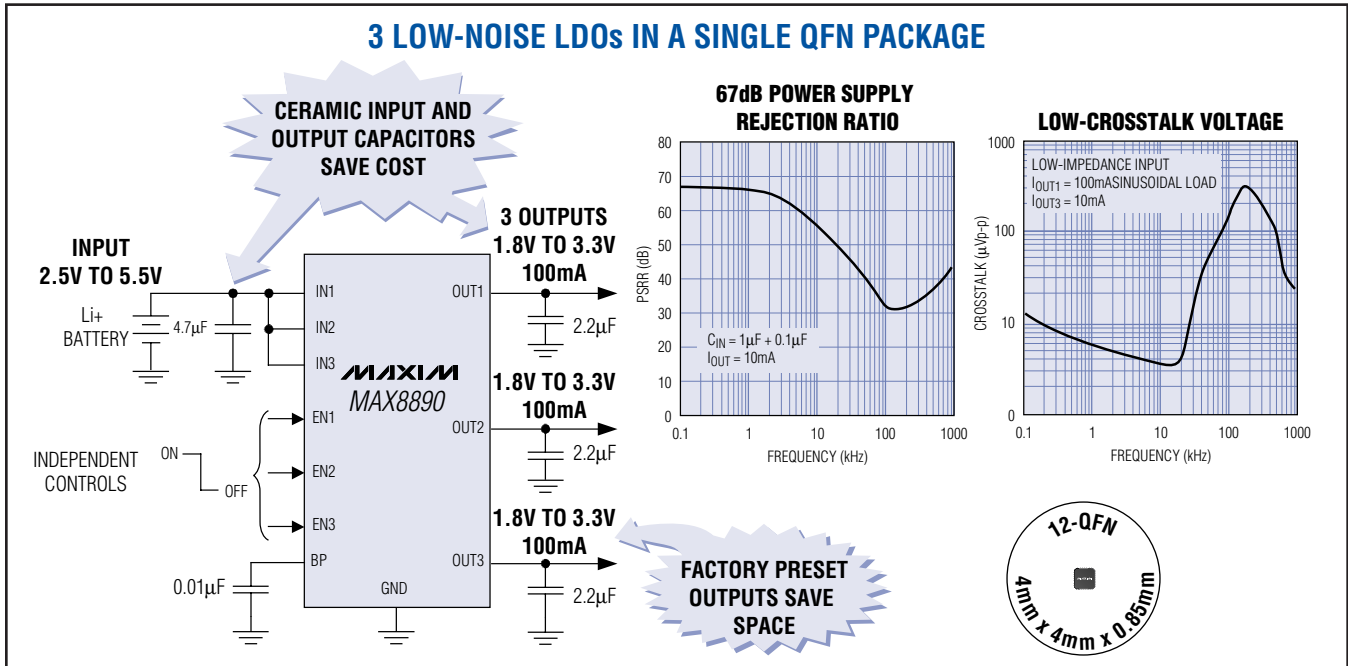


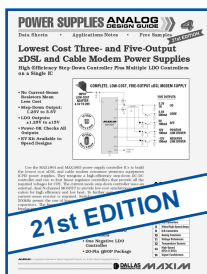
TRIPLE LOW-NOISE, LOW-DROPOUT LINEAR REGULATORS PROVIDE COMPLETE RF POWER

67dB PSRR, Low-Crosstalk Voltage, and 45 μ V_{RMS} Noise Provide Flawless Transmission

The MAX8890 contains three identical 100mA, low-noise linear regulators in a low-profile 4mm x 4mm x 0.85mm QFN package. Their 67dB PSRR, low-crosstalk voltage, and 45 μ V_{RMS} noise make them ideal for the noise-sensitive RF sections of cellular phones and wireless PDAs. Low 50mV dropout at 100mA load maximizes battery life. Output voltages are preset from 1.8V to 3.3V in 50mV increments.



- ◆ Triple LDO in QFN Package
- ◆ $\pm 1\%$ Output Voltage Accuracy
- ◆ All Ceramic Input and Output Capacitors
- ◆ Low 50mV Dropout at 100mA
- ◆ Low-Crosstalk Noise
- ◆ Low 45 μ V_{RMS} Output Noise
- ◆ 67dB PSRR at 1kHz
- ◆ 0.01 μ A Shutdown Current
- ◆ Short-Circuit Protection
- ◆ Thermal Overload Protection



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