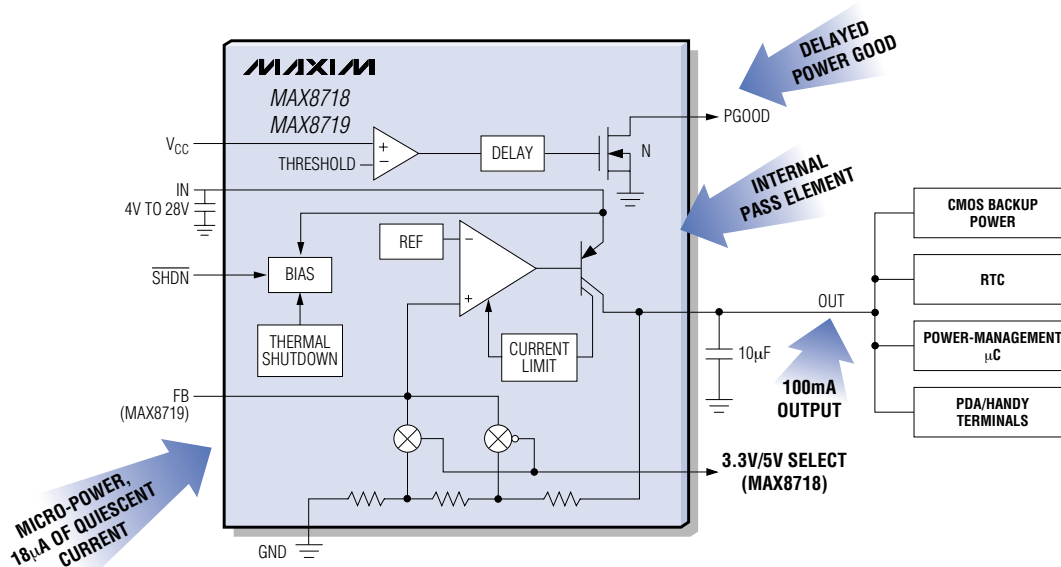


# MICROPOWER, HIGH-INPUT-VOLTAGE LINEAR REGULATORS FOR NOTEBOOK COMPUTERS

## 100mA Keep-Alive in a Small, 3mm x 3mm TDFN

The MAX8718/MAX8719 micropower, linear regulators are ideal for providing always-on, keep-alive power to CMOS RAM, real-time clocks (RTCs), and microcontrollers in systems with high-voltage batteries. Available in small, 3mm x 3mm TDFN packages, the MAX8718/MAX8719 accept input voltages up to 28V, and can power 3.3V or 5V loads up to 100mA with only 18µA of quiescent current. No additional pass elements or dropping resistors are required. For preset output voltages of 3.3V or 5V, use the MAX8718. For adjustable output voltages from 1.24V to 28V, choose the MAX8719.



- ◆ 4V to 28V Input Range
- ◆ 18µA Quiescent Supply Current
- ◆ <3µA Shutdown Supply Current
- ◆ Thermal-Overload Protection
- ◆ Delayed Power Good Output
- ◆ ±2% Output Accuracy
- ◆ 100mA Output Current
- ◆ 3.3V or 5V, Pin-Selectable Output (MAX8718)
- ◆ 1.24V to 28V Adjustable Output (MAX8719)
- ◆ Thermally Enhanced 8-Pin, TDFN Package

Part	Output Voltage (V)	Output Current (mA)	Temperature Range (°C)	Package (mm x mm)
MAX8718ETA	3.3/5	100	-40 to +85	8-TDFN, (3 x 3)
MAX8719ETA	Adjustable	100	-40 to +85	8-TDFN, (3 x 3)
MAX1615	3.3/5	30	-40 to +85	5-SOT23
MAX1616	Adjustable	30	-40 to +85	5-SOT23

# MAXIM

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