

Building It Up-Breaking It Down with iSuppli

Building It Up/Breaking It Down with [iSuppli](#) [1] provides a quick look inside the latest products, highlighting some of the components used. Today we take a look inside the Apple iMac Desktop Computer.

Component Parts: **ECN**

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Apple iMac (MB950LL/A) Desktop Computer

LTC3851EUD#PBF
Synchronous Step-Down Switching Regulator Controller with 1% Accuracy
Features include a precision 0.8V reference compatible with a 4V to 38V input supply range and OPTI-LOOP compensation for transient response optimization over a wide range of output capacitance and ESR values.

Linear Technology

XO02213AZAY
1394 Interface AC PCI Express to 1394b OHCI Host Controller
Highlights include three 1394b Cable Ports at 100M, 200M, 400M, and 800M B/s/s, active-state link power management, and eight 3.3-V, multifunction I/O terminals

TEXAS INSTRUMENTS

NTH6543T1
-20 V -4.0 A, P-Channel ChipFET
Well-suited for power management in portable and battery-powered products; i.e., cellular and cordless telephones and PCMCIA cards. Features include a low RDS(on) for higher efficiency and logic level gate drive.

ON Semiconductor

MMBZ5234
Silicon Planar Power Zener Diodes - 8.2V ±0.05mV
Standard Zener voltage tolerance is ±5% with a "B" suffix, i.e., MMBZ5234B-V, suffix "C" is ±2% tolerance. The diodes are also available in MiniMELF case with the designation TZMe22s.

VISHAY

All these component parts and more can be found at www.DigiKey.com.

Digi-Key

[Click here to Get the Complete Teardown from iSuppli of the Apple iMac](#)

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