

| Item # |                    | Power Dissipation (W) | Comments   |
|--------|--------------------|-----------------------|--|
| 1      | LT1963AEQ          | 2.95                  | $1.5A \times (5V - 3.3V) + (0.08A \times 5V)$          |
| 2      | AT84AD001BCTD      | 1.7                   |  |
| 3      | Virtex 5 SX95      | 40                    | Worst Case   |
| 4      | AMCC 440EPC        | 3.77                  |  |
| 5      | XC2C256            | 1.67                  |  |
| 6      | DP83865            | 1.64                  | 1.64   |
| 7      | K7S3218T4C-FC40    | 1.71                  | 1.71   |
| 8      | S29AL032D          | 0.11                  | 0.11   |
| 9      | PTH05T210WAD       | 5                     | Maximum Rating   |
| 10     | PTH08T230WAD       | 2.5                   | Maximum Rating   |
| 11     | PTH08T240WAD       | 3.75                  | Maximum Rating   |
| 12     | PTH08T220WAD       | 5.5                   | Maximum Rating   |
| 13     | AFS600             | 0.66                  | General Design Example                                 |
| 14     | DIMM Memory Module | 6                     | General Approximation Based on Micron Power Calculator |
| 15     | TPS74401RGWT       | 2.74                  | Maximum Rating   |
| 16     | FJD3076TM          | 10                    | Maximum Rating   |
| 17     | Power Supply       | 250                   | Maximum Rating   |