

## Aeroflex Colorado Springs

### 256K PROM versus 64K PROM Differences

| <b>SPECIFICATION</b> | <b>UT28F256LV</b> | <b>UT28F64LV</b>             |
|----------------------|-------------------|------------------------------|
| IDD2(SB)             | 1.0mA             | 0.5mA                        |
| TAVAV                | 65nS              | 55nS                         |
| TAVQV                | 65nS              | 55nS                         |
| TGLQV                | 35nS              | 25nS                         |
| TGHQZ                | 35nS              | 25nS                         |
| TELQV                | 65nS              | 55nS                         |
| TEHQZ                | 35nS              | 25nS                         |
| PIN OUT              |                   | PINS 1 and 26 are no connect |

| <b>SPECIFICATION</b> | <b>UT28F256 (40nS)</b> | <b>UT28F64 (35nS)</b>                |
|----------------------|------------------------|--------------------------------------|
| IOL                  | 4.0mA                  | 4.8mA                                |
| VOL (CMOS)           | VSS +0.10V             | VSS +0.05V                           |
| VOH (TTL)            | 2.4V (2.0mA)           | 3.5V (-2.0mA)<br>2.4V (-400uA)       |
| VOH (CMOS)           | VDD -0.1V (-200uA)     | 4.45V (-200uA)<br>VDD -0.3V (-100uA) |
| IIN                  | 5uA                    | 1uA                                  |
| IDD1(OP)             | 125mA                  | 100mA                                |
| IDD2(SB)             | 2mA                    | 0.5mA                                |
| TAVAV                | 40nS                   | 35nS                                 |
| TAVQV                | 40nS                   | 35nS                                 |
| TELQV                | 40nS                   | 35nS                                 |
| PIN OUT              |                        | PINS 1 and 26 are no connect         |

| <b>SPECIFICATION</b> | <b>UT28F256 (45nS)</b> | <b>UT28F64 (45nS)</b>                |
|----------------------|------------------------|--------------------------------------|
| IOL                  | 4.0mA                  | 4.8mA                                |
| VOL (CMOS)           | VSS +0.10V             | VSS +0.05V                           |
| VOH (TTL)            | 2.4V (2.0mA)           | 3.5V (-2.0mA)<br>2.4V (-400uA)       |
| VOH (CMOS)           | VDD -0.1V (-200uA)     | 4.45V (-200uA)<br>VDD -0.3V (-100uA) |
| IN                   | 5uA                    | 1uA                                  |
| IDD1(OP)             | 117mA                  | 85mA                                 |
| IDD2(SB)             | 2mA                    | 0.5mA                                |
| PIN OUT              |                        | PINS 1 and 26 are no connect         |

### **PART NUMBER CROSS REFERENCE**

#### **256K PROM 5V**

UT28F256T40UPX  
 UT28F256T45UPX  
 UT28F256T40UCX  
 UT28F256T45UCX  
 5962-9689103QXX  
 5962-9689103VXX  
 5962-9689104QXX  
 5962-9689104VXX

#### **64KPROM 5V**

UT28F64T35UPX  
 UT28F64T45UPX  
 UT28F64T35UCX  
 UT28F64T45UCX  
 5962-9687302QYX  
 5962-9687302VYX  
 5962-9687301QYX  
 5962-9687301VYX

#### **256K PROM 3.3V**

UT28F256LVC65UPX  
 UT28F256LVC65UCX  
 5962-0151701QXX  
 5962-0151701VXX

#### **64KPROM 3.3V**

UT28F64LVC55UPX  
 UT28F64LVC55UCX  
 5962-0151601QYX  
 5962-0151601VYX