

View Online at <https://aerobasegroup.com/nsn/5962-01-649-9512>

**Operating Temperature Range:**

-40.0 to 85.0 degrees celsius

**End Application:**

V-22 aircraft

**Inclosure Configuration:**

Dual-in-line

**Output Logic Form:**

Complementary-logic

**Design Function And Quantity:**

1 buffer and 1 driver

**Terminal Surface Treatment:**

Nickel

**Product Name:**

(inavy) ic buffer drv 16 bit: 2.5v/3.3v 16 bit buffers/drivers with 3-state outputs

**Voltage Rating And Type Per Characteristic:**

0.5 volts total supply and 4.6 volts total supply

**Special Features:**

The alvth16244 devices are 16-bit buffers/line drivers designed for 2.5 or 3.3-v vcc operation, but with the capability to provide a ttl interface to a 5-v system environment. These devices can be used as four 4-bit buffers, two 8-bit buffers, or one 16-bit buffer.

**Terminal Type And Quantity:**

48 pin

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

A458a0