

AEROSPACE DATA EXCHANGE PROGRAM TRANSMITTAL

**FRONTGRADE**

# DMSMS NOTICE

DIMINISHING MANUFACTURING SOURCES AND MATERIAL SHORTAGES

|   |  |  |                                      |
|---|--|--|--------------------------------------|
| 1. TITLE<br>OBSOLESCENCE NOTICE FOR MICROCIRCUIT, DIGITAL, RADIATION HARDENED, ADVANCED CMOS, SYNCHRONOUS 4-BIT UP/DOWN BINARY COUNTER, TTL COMPATIBLE INPUTS, MONOLITHIC SILICON |  | 2. DOCUMENT NUMBER<br>SPO-2024-D-0002                                  |                                      |
|   |  | 3. DATE (Year, Month, Date)<br>2024 APRIL 16                           |                                      |
| 4. MANUFACTURER NAME AND ADDRESS<br>FRONTGRADE TECHNOLOGIES<br>4350 CENTENNIAL BOULEVARD<br>COLORADO SPRINGS, COLORADO 80907-3486   |  | 5. MANUFACTURER POINT OF CONTACT (NAME)<br>REBEKAH SHARP               |                                      |
|   |  | 6. MANUFACTURER POINT OF CONTACT TELEPHONE<br><br>(719) 594-8000       |                                      |
|   |  | 7. MANUFACTURER POINT OF CONTACT EMAIL<br>REBEKAH.SHARP@FRONTGRADE.COM |                                      |
| 8. CAGE CODE<br>65342   | 9. MANUFACTURER FINAL ORDER DATE<br>SEE COMMENTS BELOW | 10. PRODUCT IDENTIFICATION CODE<br>L191                                | 11. BASE PART<br>UT54ACTS191         |
| 12. BLANK   |  | 13. SMD NUMBER<br>5962-96565   | 14. DEVICE TYPE DESIGNATOR<br>01     |
|   |  | 15. RHA LEVELS<br>R, F, G, AND H                                       | 16. QML LEVEL<br>Q AND V             |
|   |  | 17. NON QML LEVEL<br>NA  | 18. GIDEP NUMBER<br>GB4-DS-2024-0004 |

19. COMMENTS  
FRONTGRADE IS ISSUING THIS DIMINISHING MANUFACTURING SOURCES AND MATERIAL SHORTAGES NOTICE TO ANNOUNCE END OF LIFE (EOL) OF SMD# 5962-96565. THIS END OF LIFE (EOL) NOTICE APPLIES TO ALL RADIATION LEVELS, DEVICE TYPES, PACKAGE STYLES, AND LEAD FINISHES OF THE EOL PRODUCT. FRONTGRADE WILL ACCEPT ORDERS ON A FIRST-COME, FIRST-SERVE BASIS THROUGH FEBRUARY 2025 OR UNTIL EXISTING INVENTORY IS DEPLETED, WHICHEVER COMES FIRST.

FRONTGRADE DOES NOT HAVE A DIRECT REPLACEMENT FOR SMD# 5962-96565.

FOR CUSTOMERS WHO CAN TRANSITION FROM A TTL DEVICE TO A CMOS DEVICE, THE CMOS OFFERING UT54ACS191 (5962-96564) IS CURRENTLY AVAILABLE UP TO 500KRAD.

| EOL SMD PINS    | EOL VENDOR SIMLAR PINS |
|-----------------|------------------------|
| 5962H9656501VEA | UT54ACTS191PVAH        |
| 5962H9656501VXA | UT54ACTS191UVAH        |
| 5962H9656501VEC | UT54ACTS191PVCH        |
| 5962H9656501VXC | UT54ACTS191UVCH        |
| 5962H9656501QEA | UT54ACTS191PQAH        |
| 5962H9656501QXA | UT54ACTS191UQAH        |
| 5962H9656501QEC | UT54ACTS191PQCH        |
| 5962H9656501QXC | UT54ACTS191UQCH        |