

AEROSPACE DATA EXCHANGE PROGRAM TRANSMITTAL

**FRONTGRADE**

# PROBLEM ADVISORY

1. TITLE NOTIFICATION OF MISSING JTAG PIN TDO TEST OF MICROCIRCUIT, DIGITAL, CMOS, RADIATION HARDNED, MIL-STD-1553 SERIAL MICRO-CODED MONOLITHIC MULTI-MODE INTELLIGENT TERMINAL, MONOLITHIC SILICON			2. DOCUMENT NUMBER SPO-2024-PA-0001														
			3. DATE (Year, Month, Date) 2024, MARCH, 15														
4. MANUFACTURER NAME AND ADDRESS FRONTGRADE TECHNOLOGIES 4350 CENTENNIAL BOULEVARD COLORADO SPRINGS, COLORADO 80907-3486			5. MANUFACTURER POINT OF CONTACT NAME REBEKAH SHARP														
			6. MANUFACTURER POINT OF CONTACT TELEPHONE (719) 594-8000														
			7. MANUFACTURER POINT OF CONTACT EMAIL REBEKAH.SHARP@FRONTGRADE.COM														
8. CAGE CODE 65342	9. LDC START ALL	10. LDC END SEE BELOW	11. PRODUCT IDENTIFICATION CODE JA01	12. BASE PART UT69151E													
13. BLANK			14. SMD NUMBER 5962-92118	15. DEVICE TYPE DESIGNATOR 03 ONLY													
			16. RHA LEVELS NON-RADHARD	17. QML LEVEL ALL													
			18. NON QML LEVEL ALL	19. GIDEP NUMBER GB4-PA-2024-0001													
			20. PROBLEM DESCRIPTION / DISCUSSION / EFFECT DURING A TEST PROGRAM REVIEW, IT WAS DISCOVERED THAT IOZH AND IOZL TESTING WAS NOT MEASURED ON THE JTAG PIN TDO. ALL PARTS LISTED BELOW THAT WERE TESTED BEFORE MARCH 10, 2023 ARE AFFECTED. NO DEVICES HAVE FAILED AT THE CUSTOMER AND THE IMPACT IS CONSIDERED LOW RISK.														
<table border="1"> <thead> <tr> <th>AFFECTED PN</th> </tr> </thead> <tbody> <tr><td>5962-9211803QZA</td></tr> <tr><td>5962-9211803QZC</td></tr> <tr><td>5962-9211803QXA</td></tr> <tr><td>5962-9211803QXC</td></tr> <tr><td>UT69151EGCA</td></tr> <tr><td>UT69151EGCC</td></tr> <tr><td>UT69151EGPA</td></tr> <tr><td>UT69151EGPC</td></tr> <tr><td>UT69151EFCA</td></tr> <tr><td>UT69151EFCC</td></tr> <tr><td>UT69151EFPA</td></tr> <tr><td>UT69151EFPC</td></tr> </tbody> </table>					AFFECTED PN	5962-9211803QZA	5962-9211803QZC	5962-9211803QXA	5962-9211803QXC	UT69151EGCA	UT69151EGCC	UT69151EGPA	UT69151EGPC	UT69151EFCA	UT69151EFCC	UT69151EFPA	UT69151EFPC
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21. ACTION TAKEN / PLANNED AS OF MARCH 10, 2023 THE TEST PROGRAM HAS BEEN UPDATED TO INCLUDE IOZH AND IOZL TESTING FOR JTAG PIN TDO.																	
22. DISPOSITIONARY RECOMMENDATION:		CHECK & USE AS IS <input checked="" type="checkbox"/>	CONTACT MANUFACTURER <input type="checkbox"/>	REMOVE & REPLACE <input type="checkbox"/>	CORRECT & USE AS SPECIFIED <input type="checkbox"/>												