

# DMSMS NOTICE

DIMINISHING MANUFACTURING SOURCES AND MATERIAL SHORTAGES

<b>1. TITLE</b> OBSOLESCENCE NOTICE FOR MICROCIRCUIT, DIGITAL, CMOS, 4MEG X 32-BIT (128M) AND 1Meg X 32-BIT (32M), RADIATION-HARDENED, DUAL VOLTAGE SRAM with embedded EDAC, MULTICHIP MODULE (MASTER ONLY)	<b>2. DOCUMENT NUMBER</b> SPO-2024-D-0004
	<b>3. DATE (Year, Month, Date)</b> 2024, JAN, 16

<b>4. MANUFACTURER NAME AND ADDRESS</b> FRONTGRADE TECHNOLOGIES 4350 CENTENNIAL BOULEVARD COLORADO SPRINGS, COLORADO 80907-3486	<b>5. MANUFACTURER POINT OF CONTACT (NAME)</b> Peter Nelson
	<b>6. MANUFACTURER POINT OF CONTACT TELEPHONE</b> 719-594-8238
	<b>7. MANUFACTURER POINT OF CONTACT EMAIL</b> Peter.b.nelson@frontgrade.com

<b>8. CAGE CODE</b> 65342	<b>9. MANUFACTURER FINAL ORDER DATE</b> July 31, 2024	<b>10. PRODUCT IDENTIFICATION CODE</b> QS11, QS16	<b>11. BASE PART</b> UT8ER4M32M, UT8ER1M32M
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<b>12. BLANK</b>	<b>13. SMD NUMBER</b> 10202, 10204	<b>14. DEVICE TYPE DESIGNATOR</b> 01, 03, 05, 07
	<b>15. RHA LEVELS</b> All	<b>16. QML LEVEL</b> All
	<b>17. NON QML LEVEL</b> All	<b>18. GIDEP NUMBER</b> GB4-DS-2024-0001

**19. COMMENTS**  
 FRONTGRADE IS ISSUING THIS DIMINISHING MANUFACTURING SOURCES AND MATERIAL SHORTAGES NOTICE TO ANNOUNCE OBSOLESCENCE (OBS) OF SMD# 5962-10202 DEVICE TYPE 01, 03, AND 05 ONLY AS WELL AS SMD# 5962-10204 DEVICE TYPE 01, 03, 05, AND 07 ONLY. THIS OBSOLESCENCE (OBS) NOTICE APPLIES TO ALL RADIATION LEVELS, PACKAGE STYLES, AND LEAD FINISHES OF THE OBSOLETE PRODUCT.

FRONTGRADE DOES NOT HAVE A DIRECT REPLACEMENT FOR THE SMD# 5962-10202 DEVICE TYPE 01, 03, AND 05 NOR FOR THE SMD# 5962-10204 DEVICE TYPE 01, 03, 05, AND 07.

OBS SMD PINS	OBS VENDOR SIMILAR PINS
5962R1020201QXC	UT8ER1M32M-21XFC
5962R1020201VXC	UT8ER1M32M-21XFC
5962R1020203QXC	UT8ER1M32M-21XFC
5962R1020205QXC	UT8ER1M32M-21XFC
5962R1020205VXC	UT8ER1M32M-21XFC
5962R1020401QXC	UT8ER4M32M-25XFC
5962R1020403QXC	UT8ER4M32M-25XFC
5962R1020405QXC	UT8ER4M32M-25XFC
5962R1020407QXC	UT8ER4M32M-25XFC

