

**DMSMS NOTICE**

DIMINISHING MANUFACTURING SOURCES AND MATERIAL SHORTAGES

1. TITLE END OF LIFE FOR LISTED ADVANCED CMOS, MONOLITHIC SILICON, MEMORY, RADIATION HARDENED AND RADITION TOLERANT, MICROCIRCUIT		2. DOCUMENT NUMBER SPO-2024-D-0009	
		3. DATE (Year, Month, Date) 2024, OCT, 20	
4. MANUFACTURER NAME AND ADDRESS FRONTGRADE TECHNOLOGIES 4350 CENTENNIAL BOULEVARD COLORADO SPRINGS, COLORADO 80907-3486		5. MANUFACTURER POINT OF CONTACT (NAME) Peter Nelson	
		6. MANUFACTURER POINT OF CONTACT TELEPHONE 719-594-8238	
		7. MANUFACTURER POINT OF CONTACT EMAIL Peter.b.nelson@frontgrade.com	
8. CAGE CODE 65342	9. MANUFACTURER FINAL ORDER DATE Dec 31, 2025	10. PRODUCT IDENTIFICATION CODE SEE SHEET 2	11. BASE PART SEE SHEET 2
12. BLANK		13. SMD NUMBER SEE SHEET 2	14. DEVICE TYPE DESIGNATOR SEE SHEET 2
		15. RHA LEVELS All	16. QML LEVEL All
		17. NON QML LEVEL All	18. GIDEP NUMBER GB4-DS-2024-0007
19. COMMENTS FRONTGRADE TECHNOLOGIES IS ISSUING THIS DIMINISHING MANUFACTURING SOURCES AND MATERIAL SHORTAGES NOTICE TO ANNOUNCE END OF LIFE (EOL) OF THE PART NUMBERS LISTED ON SHEET 2.  THIS END OF LIFE (EOL) NOTICE APPLIES TO ALL RADIATION LEVELS, DEVICE TYPES, PACKAGE STYLES, AND LEAD FINISHES OF THE LISTED PART NUMBERS ON SHEET 2.  THE END OF LIFE (EOL) PART NUMBERS MUST BE ORDERED BY 12/31/2025 OR UNTIL EXISTING INVENTORY IS DEPLETED, WHICHEVER COMES FIRST. ORDERS WILL BE FILLED ON A FIRST-COME, FIRST-SERVE BASIS.  CONTINUED ON SHEET 2			

Obsolete PN	SMD	Device type	Vendor Similar Base PN	PIC
UT9Q512K32E-SPC	N/A	N/A	UT9Q512K32E	QS03
UT9Q512K32E-SWC	N/A	N/A	UT9Q512K32E	QS03
5962R0151104QYC	01511	04	UT9Q512K32E	QS03
5962R0151104VYC	01511	04	UT9Q512K32E	QS03
UT8ER2M32M-22XPC	N/A	N/A	UT8ER2M32M	QS09
UT8ER2M32M-22XFC	N/A	N/A	UT8ER2M32M	QS09
5962L1020301QXC	10203	01	UT8ER2M32M	QS09
5962R1020301QXC	10203	01	UT8ER2M32M	QS09
5962L1020303QXC	10203	03	UT8ER2M32M	QS09
5962R1020303QXC	10203	03	UT8ER2M32M	QS09
5962L1020301VXC	10203	01	UT8ER2M32M	QS09
5962R1020301VXC	10203	01	UT8ER2M32M	QS09
UT8SDMQ64M40D75YQC	N/A	N/A	UT8SDMQ64M40	QS18
UT8SDMQ64M40D75ZQC	N/A	N/A	UT8SDMQ64M40	QS18
UT8SDMQ64M40P75YQC	N/A	N/A	UT8SDMQ64M40	QS18
UT8SDMQ64M40P75ZQC	N/A	N/A	UT8SDMQ64M40	QS18
UT8SDMQ64M40L75YQC	N/A	N/A	UT8SDMQ64M40	QS18
UT8SDMQ64M40L75ZQC	N/A	N/A	UT8SDMQ64M40	QS18
UT8SDMQ64M40D75YHC	N/A	N/A	UT8SDMQ64M40	QS18
UT8SDMQ64M40D75ZHC	N/A	N/A	UT8SDMQ64M40	QS18
UT8SDMQ64M40P75YHC	N/A	N/A	UT8SDMQ64M40	QS18
UT8SDMQ64M40P75ZHC	N/A	N/A	UT8SDMQ64M40	QS18
UT8SDMQ64M40L75YHC	N/A	N/A	UT8SDMQ64M40	QS18
UT8SDMQ64M40L75ZHC	N/A	N/A	UT8SDMQ64M40	QS18
UT8SDMQ64M48D75YQC	N/A	N/A	UT8SDMQ64M48	QS19
UT8SDMQ64M48D75ZQC	N/A	N/A	UT8SDMQ64M48	QS19
UT8SDMQ64M48P75YQC	N/A	N/A	UT8SDMQ64M48	QS19
UT8SDMQ64M48P75ZQC	N/A	N/A	UT8SDMQ64M48	QS19
UT8SDMQ64M48L75YQC	N/A	N/A	UT8SDMQ64M48	QS19
UT8SDMQ64M48L75ZQC	N/A	N/A	UT8SDMQ64M48	QS19
UT8SDMQ64M48D75YHC	N/A	N/A	UT8SDMQ64M48	QS19
UT8SDMQ64M48D75ZHC	N/A	N/A	UT8SDMQ64M48	QS19
UT8SDMQ64M48P75YHC	N/A	N/A	UT8SDMQ64M48	QS19
UT8SDMQ64M48P75ZHC	N/A	N/A	UT8SDMQ64M48	QS19
UT8SDMQ64M48L75YHC	N/A	N/A	UT8SDMQ64M48	QS19
UT8SDMQ64M48L75ZHC	N/A	N/A	UT8SDMQ64M48	QS19
UT8SDMQ64M40-75YPC	N/A	N/A	UT8SDMQ64M40	QS28
UT8SDMQ64M40-75ZPC	N/A	N/A	UT8SDMQ64M40	QS28
UT8SDMQ64M40-75YEC	N/A	N/A	UT8SDMQ64M40	QS28
UT8SDMQ64M40-75ZEC	N/A	N/A	UT8SDMQ64M40	QS28
UT8SDMQ64M48-75YPC	N/A	N/A	UT8SDMQ64M48	QS29
UT8SDMQ64M48-75ZPC	N/A	N/A	UT8SDMQ64M48	QS29
UT8SDMQ64M48-75YEC	N/A	N/A	UT8SDMQ64M48	QS29
UT8SDMQ64M48-75ZEC	N/A	N/A	UT8SDMQ64M48	QS29
UT81SRR512K32-5SPC	N/A	N/A	UT81SRR512K32	QS32
UT81SRR512K32-5SWC	N/A	N/A	UT81SRR512K32	QS32

UT81SRR512K32-3SPC	N/A	N/A	UT81SRR512K32	QS33
UT81SRR512K32-3SWC	N/A	N/A	UT81SRR512K32	QS33
UT7C138C-45GCA	N/A	N/A	UT7C138C	R012
UT7C138C-45GCC	N/A	N/A	UT7C138C	R012
UT7C138C-45WCA	N/A	N/A	UT7C138C	R012
UT7C138C-45WCC	N/A	N/A	UT7C138C	R012
UT7C138C-55GCA	N/A	N/A	UT7C138C	R012
UT7C138C-55GCC	N/A	N/A	UT7C138C	R012
UT7C138C-55WCA	N/A	N/A	UT7C138C	R012
UT7C138C-55WCC	N/A	N/A	UT7C138C	R012
UT7C138C-45GPC	N/A	N/A	UT7C138C	R012
UT7C138C-45WPC	N/A	N/A	UT7C138C	R012
UT7C138C-55GPC	N/A	N/A	UT7C138C	R012
UT7C138C-55WPC	N/A	N/A	UT7C138C	R012
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5962R9684501QYC	96845	01	UT7C138C45	R012
5962R9684501QXA	96845	01	UT7C138C45	R012
5962R9684501QXC	96845	01	UT7C138C45	R012
5962R9684503QYA	96845	03	UT7C138C55	R012
5962R9684503QYC	96845	03	UT7C138C55	R012
5962R9684503QXA	96845	03	UT7C138C55	R012
5962R9684503QXC	96845	03	UT7C138C55	R012
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5962R9684501VYC	96845	01	UT7C138C45	R012

5962R9684501VXA	96845	01	UT7C138C45	R012
5962R9684501VXC	96845	01	UT7C138C45	R012
5962R9684503VYA	96845	03	UT7C138C55	R012
5962R9684503VYC	96845	03	UT7C138C55	R012
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5962H9684503VXC	96845	03	UT7C138C55	R012
UT7C139C-45GCA	N/A	N/A	UT7C139C	R013
UT7C139C-45GCC	N/A	N/A	UT7C139C	R013
UT7C139C-45WCA	N/A	N/A	UT7C139C	R013
UT7C139C-45WCC	N/A	N/A	UT7C139C	R013
UT7C139C-55GCA	N/A	N/A	UT7C139C	R013
UT7C139C-55GCC	N/A	N/A	UT7C139C	R013
UT7C139C-55WCA	N/A	N/A	UT7C139C	R013
UT7C139C-55WCC	N/A	N/A	UT7C139C	R013
UT7C139C-45GPC	N/A	N/A	UT7C139C	R013
UT7C139C-45WPC	N/A	N/A	UT7C139C	R013
UT7C139C-55GPC	N/A	N/A	UT7C139C	R013
UT7C139C-55WPC	N/A	N/A	UT7C139C	R013
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5962R9684504QYA	96845	04	UT7C139C55	R013
5962R9684504QYC	96845	04	UT7C139C55	R013

5962R9684504QXA	96845	04	UT7C139C55	R013
5962R9684504QXC	96845	04	UT7C139C55	R013
5962F9684502QYA	96845	02	UT7C139C45	R013
5962F9684502QYC	96845	02	UT7C139C45	R013
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5962G9684504VYC	96845	04	UT7C139C55	R013

5962G9684504VXA	96845	04	UT7C139C55	R013
5962G9684504VXC	96845	04	UT7C139C55	R013
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5962H9684504VXC	96845	04	UT7C139C55	R013
UT9Q512E-20YPC	N/A	N/A	UT9Q512E	WJ01
UT9Q512E-20YCA	N/A	N/A	UT9Q512E	WJ01
UT9Q512E-20YCC	N/A	N/A	UT9Q512E	WJ01
5962L0053607QYA	00536	07	UT9Q512E	WJ01
5962L0053607QYC	00536	07	UT9Q512E	WJ01
5962R0053607QYA	00536	07	UT9Q512E	WJ01
5962R0053607QYC	00536	07	UT9Q512E	WJ01
5962L0053607VYA	00536	07	UT9Q512E	WJ01
5962L0053607VYC	00536	07	UT9Q512E	WJ01
5962R0053607VYA	00536	07	UT9Q512E	WJ01
5962R0053607VYC	00536	07	UT9Q512E	WJ01
UT81SRR512K8-5YPC	N/A	N/A	UT81SRR512K8	WJ03
UT81SRR512K8-5YWA	N/A	N/A	UT81SRR512K8	WJ03
UT81SRR512K8-5YWC	N/A	N/A	UT81SRR512K8	WJ03
UT81SRR512K8-3YPC	N/A	N/A	UT81SRR512K8	WJ04
UT81SRR512K8-3YWA	N/A	N/A	UT81SRR512K8	WJ04
UT81SRR512K8-3YWC	N/A	N/A	UT81SRR512K8	WJ04