


DMSMS NOTICE

DIMINISHING MANUFACTURING SOURCES AND MATERIAL SHORTAGES

1. TITLE CAES PRODUCT DISCONTINUANCE NOTIFICATION FOR THE MICROCIRCUIT, MEMORY, DIGITAL, CMOS, 512K x 32-BIT, 3.3V, RADIATION-HARDENED SRAM, MULTICHIP MODULE		2. DOCUMENT NUMBER SPO-2019-D-0013																	
		3. DATE (Year, Month, Date) 2019, 10, 15																	
4. MANUFACTURER NAME AND ADDRESS CAES 4350 CENTENNIAL BOULEVARD COLORADO SPRINGS, COLORADO 80907-3701		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@cobhamaes.com																	
8. CAGE CODE 65342	9. MANUFACTURER FINAL ORDER DATE 30 September 2020	10. PRODUCT IDENTIFICATION CODE QS04	11. BASE PART UT8Q512K32E																
12. BLANK		13. SMD NUMBER 5962- 01533	14. DEVICE TYPE DESIGNATOR 02, 03																
		15. RHA LEVELS All	16. QML LEVEL Q, V																
		17. NON QML LEVEL N/A	18. GIDEP NUMBER GB4-D-20-0002																
19. COMMENTS CAES is issuing this diminishing manufacturing sources and material shortages notice to announce the end of life (EOL) for SMD number 01533, device types 02 and 03. CAES will accept orders on the remaining inventory on a first-come, first-served basis through September 30, 2020 or until existing inventory is depleted, whichever comes first. A new version will be available under device type 04. This new device type has improved ESD and TID performance, increased to 4kV and 100 krad(Si) respectively. Electrically, the standby current at room and cold temperatures has increased from 9mA to 16mA and VOH1 and VOH2 have been changed from 2.4V and V_{DD}-0.1 to 2.2V and 0.8*V_{DD}, respectively.																			
Table 1																			
<table border="1"> <thead> <tr> <th>Standard PN</th> <th>Source</th> <th>Vendor PN</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>5962L0153302QYC</td> <td>CAES</td> <td>UT8Q512K32E-SWC</td> <td>SRAM, 512K X 32-BIT, RAD HARD</td> </tr> <tr> <td>5962L0153302VYC</td> <td>CAES</td> <td>UT8Q512K32E-SWC</td> <td>SRAM, 512K X 32-BIT, RAD HARD</td> </tr> <tr> <td>5962L0153303QYC</td> <td>CAES</td> <td>UT8Q512K32E-SWC</td> <td>SRAM, 512K X 32-BIT, RAD HARD</td> </tr> </tbody> </table>				Standard PN	Source	Vendor PN	Description	5962L0153302QYC	CAES	UT8Q512K32E-SWC	SRAM, 512K X 32-BIT, RAD HARD	5962L0153302VYC	CAES	UT8Q512K32E-SWC	SRAM, 512K X 32-BIT, RAD HARD	5962L0153303QYC	CAES	UT8Q512K32E-SWC	SRAM, 512K X 32-BIT, RAD HARD
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20. ADEPT REPRESENTATIVE Tim Meade		21. SIGNATURE 																	
		22. DATE 10/15/19																	