

PRODUCT INFORMATION NOTICE

1. TITLE ADDITION OF ALTERNATIVE BURN-IN CONDITIONS AND REINSTATEMENT OF RHA LEVEL "R" (100Krad) FOR CAES 2.5Gb AND 3.0Gb SDRAM MODULES		2. DOCUMENT NUMBER SPO-2020-PIN-0001	
		3. DATE (Year, Month, Date) 2020, MAY, 28	
4. MANUFACTURER NAME AND ADDRESS CAES 4350 CENTENNIAL BOULEVARD COLORADO SPRINGS, COLORADO 80907-3486		5. MANUFACTURER POINT OF CONTACT NAME Mike Leslie	
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8. CAGE CODE 65342	9. BLANK	10. PRODUCT IDENTIFICATION CODE QS18 QS19	11. BASE PART UT8SDMQ64M40 UT8SDMQ64M48
12. BLANK		13. SMD NUMBER 5962-10229 & 5962-10230	14. DEVICE TYPE DESIGNATOR 01, 02
		15. RHA LEVELS L, R	16. QML LEVEL Q, Q+
		17. NON QML LEVEL E, P	18. GIDEP NUMBER GB4-I-20-01

19. DESCRIPTION (FOR NEW PRODUCTS, PROVIDE AVAILABILITY DATE AND LEAD TIME)

This document informs customers that CAES has added an approved alternative dynamic burn-in profile for device types 01 and 02.

This document reinstates the RHA level "R" product offering placed on hold by previous ADEPT notifications SPO-2014-PIN-0001 and SPO-2014-PIN-0002. Note /3 will be removed from the bulletin page and replaced by CAES Vendor Cage number 65342. Subsequent wafer lots procured passed Group E 100krad requirements.

The following statement is added to both applicable SMDs as section 4.2.1.a. (1)

Device types 01 and 02 may use approved alternative conditions of maximum voltage at 110°C for 260 and 397 hours respectively.

The following table illustrates the original burn-in conditions and approved alternative that may be used.

QS18/QS19 BI Conditions			
Level	Condition	Original Dynamic Burn-in	Approved Alternative Dynamic Burn-in
QML – Q 5962-1022901 5962-1023001	Time (hours)	160	260
	Temp (°C)	125	110
	Voltage (V)	Max	Max
QML - Q+ 5962-1022902 5962-1023002	Time (hours)	240	367
	Temp (°C)	125	110
	Voltage (V)	Max	Max

NOTE: THIS DOCUMENT IS PUBLISHED FOR INFORMATION PURPOSES AND MAY PROVIDE FORWARD LOOKING STATEMENTS THAT ARE SUBJECT TO CHANGE. THE USERS SHOULD CONTACT THEIR LOCAL CAES SALES OFFICE FOR ANY ACTIONABLE CONTENT DESCRIBED HEREIN.