AEROSPACE DATA EXCHANGE PROGRAM TRANSMITTAL

PROBLEM ADVISORY

CAES

1. TITLE **MICROCIRCUIT, MEMORY, DIGITAL, CMOS, 16-MEG X 40-BIT X 4-BANK (2.5-GIG), RADIATION HARDENED, SYNCHRONOUS DRAM (SDRAM), MULTICHIP MODULE – IBIS MODEL INACCURACY**	**2. DOCUMENT NUMBER** SPO-2014-PA-0001
	3. DATE *(Year, Month, Date)* 2014, February, 28
4. MANUFACTURER NAME AND ADDRESS CAES 4350 CENTENNIAL BOULEVARD COLORADO SPRINGS, COLORADO 80907-3486	**5. MANUFACTURER POINT OF CONTACT NAME** MICHELLE MUNDIE
	6. MANUFACTURER POINT OF CONTACT TELEPHONE (719) 594-8000
	7. MANUFACTURER POINT OF CONTACT EMAIL MICHELLE.MUNDIE@cobhamaes.com

8. CAGE CODE	9. LDC START	10. LDC END	11. PRODUCT IDENTIFICATION CODE	12. BASE PART
65342	ALL	ALL	QS18	UT8SDMQ64M40

13. BLANK	**14. SMD NUMBER** 5962-10229	**15. DEVICE TYPE DESIGNATOR** ALL
	16. RHA LEVELS ALL	**17. QML LEVEL** ALL
	18. NON QML LEVEL ALL	**19. BLANK**

20. PROBLEM DESCRIPTION / DISCUSSION / EFFECT

CAES HAS IDENTIFIED THAT THE IBIS MODELS POSTED ON THE CAES WEBSITE DO NOT ACCURATELY REFLECT THE SDRAM DEVICE CHARACTERISTICS. STANDARD IBIS MODEL GENERATION METHODOLOGY IS INSUFFICIENT DUE TO THE COMPLEXITY OF THE PACKAGE.

STANDARD MICROCIRCUIT DRAWING	DEVICE TYPE	MANUFACTURER PART NUMBER
5962-10229	01,02	UT8SDMQ64M40

21. ACTION TAKEN / PLANNED

CAES HAS REMOVED THE IBIS MODEL FROM THE CAES WEBSITE. DEVELOPMENT OF A HIGHER FIDELITY MODEL IS IN PROCESS AND IS EXPECTED TO BE AVAILABLE 03-31-14. WHEN THE UPDATED MODEL IS AVAILABLE, IT WILL BE POSTED ON CAES' WEBSITE THROUGH DOWNLOAD OR A LINK/INSTRUCTION ON HOW TO OBTAIN THE MODEL.

22. DISPOSITIONARY RECOMMENDATION:	CHECK & USE AS IS ☐	CONTACT MANUFACTURER ☐	REMOVE & REPLACE ☒	CORRECT & USE AS SPECIFIED ☐

23. ADEPT REPRESENTATIVE	24. SIGNATURE	25. DATE
Timothy L. Meade	Timothy L. Meade	**28 February, 2014**