AEROSPACE DATA EXCHANGE PROGRAM TRANSMITTAL

PROBLEM ADVISORY

CAES

1. TITLE	2. DOCUMENT NUMBER
MICROCIRCUIT, MEMORY, DIGITAL, CMOS, 16-MEG X 48-BIT X 4-BANK (3-GIG), RADIATION HARDENED, SYNCHRONOUS DRAM (SDRAM), MULTICHIP MODULE – IBIS MODEL INACCURACY	SPO-2014-PA-0002
	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	QS19	UT8SDMQ64M48

13. BLANK	14. SMD NUMBER	15. DEVICE TYPE DESIGNATOR
	5962-10230	ALL
	16. RHA LEVELS	17. QML LEVEL
	ALL	ALL
	18. NON QML LEVEL	19. BLANK
	ALL	

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
5962-10230	01,02	UT8SDMQ64M48

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 BY 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		**28 February, 2014**