



ATARI CORPORATION ENGINEERING CHANGE ORDER

ECO NO. 1643

SHEET 1 OF 3

MODEL FALCON030

ORIGINATOR JERRY SMITH DATE 04/15/93

PRIORITY ROUTINE
 RUSH

DWG. NO.
CA401332
CA401332-001
CA401332-002
CA401332-003
CA401335-001
C303007
C303237-001
C303171-001

TITLE
ASSY PCB FALCON030
ASSY PCB FALCON030 NTSC
ASSY PCB FALCON030 PAL-I
ASSY PCB FALCON030 PAL-B
ASSY SUB PCB FALCON030
SCHEM FALCON030
DISK FACTORY UTILITIES
SPEC PROD TEST PROCEDURE FAL030

CLD REV
G
G
F
F
F
J
D
C

NEW REV
H
H
G
G
K
E
D

REASON FOR CHANGE
SOUND CRACKLE DURING DMA PLAYBACK

DESCRIPTION OF CHANGE (ATTACH CONTINUATION SHEETS AND MARKED PRINTS AS APPROPRIATE)
SEE SHEET 2

MATERIALS AFFECTED	CHANGE EFFECTIVITY			APPROVALS	
<input type="checkbox"/> SCRAP PARTS	DISPOSITION CODE	APPLIES TO	CODE	DOCUMENT CONTROL	DATE
<input type="checkbox"/> COST IMPACT MORE THAN 1%	1. NEW RELEASE	NEW PURCHASE	4	PRODUCT ENGINEER	DATE
MATERIAL CONTROL DATE	2. USE AS IS	MATERIAL ON HAND	7	HARDWARE ENGINEER MANAGER	DATE
FINANCE DATE	3. RUNNING CHANGE	NEW BUILDS	4	SOFTWARE ENGINEERING MGR.	DATE
<input type="checkbox"/> FIRST ARTICLE REVIEW REQUIRED	4. IMMEDIATE CHANGE	WORK IN PROCESS	3	PURCHASING	DATE
	5. REWORK	FINISHED GOODS	2	QUALITY ASSURANCE	DATE
	6. SCRAP PARTS	FIELD	8		
	7. REORDER				
	8. DOCUMENT ONLY				

DOCUMENT CONTROL INCORPORATION			PRODUCTION CONTROL INCORPORATION		
DRAWING NUMBER	DATE	INITIAL	START DATE AND SERIAL NUMBER	DATE	INITIAL
CA401332					
CA401332-XXX					
CA401335					
C303007					
C303237					
C303171					



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CA401332 DWG ASSY PCB FALCON030
ROLL REVISION FROM G TO H
ROLL -001 REVISION FROM G TO H
ROLL -002 REVISION FROM F TO G
ROLL -003 REVISION FROM F TO G
ADD NOTE: JUMPER R221 OR REPLACE WITH 0 OHM RESISTOR
C208 NOT INSTALLED

CA401332-001 ASSY PCB FALCON030 NTSC
ROLL REVISION FROM G TO H

CA401332-002 ASSY PCB FALCON030 PAL-I
ROLL REVISION FROM F TO G

CA401332-003 ASSY PCB FALCON030 PAL-B
ROLL REVISION FROM F TO G

CA401335-001 ASSY SUB PCB FALCON030
ROLL REVISION FROM F TO G
CHANGE QUANTITY ITEM 460 FROM 18.00 TO 17.00
C101013-330 RES CHIP 33 1/10W 5% QTY =17.00
DELETE REF DES R221
CHANGE QUANTITY ITEM 720 FROM 7.00 TO 6.00
C101219-100 CAP CER CHIP 10PF 50V 5% CH QTY =6.00
DELETE REF DES C208

C303007 SCHEM FALCON030
ROLL REVISION FROM J TO K
ON PAGE 4, DELETE C208
ON PAGE 6, CHANGE R221 FROM 33 OHM TO 0 OHM

C303237-001 DISK FACTORY UTILITIES
ROLL REVISION FROM D TO E
ADD FILES
A:DMA2DSP.PRG 1692 04/02/93 08:46
A:DMA2DSP.LOD 897 03/29/93 16:52

C303171-001 SPEC PROD TEST PROCEDURE FAL030
ROLL REVISION FROM C TO D
ADD FOLLOWING TEST AT END OF POST BURNIN VIDEO TEST
TURN POWER OFF, REMOVE diagnostic cartridge
INSERT Factory Utility disk P/N C303237 Rev. E
TURN POWER ON, Verify system boots from floppy and displays TOS Desktop
RUN program DMA2DSP.PRG (PRESS Function key "F8" to start)
Observe one full cycle of green band moving left to right across screen
Verify the border of the green band does NOT change to RED
PRESS "Space Bar" to exit, Remove Factory Utility disk
ADD FOLLOWING TEST AT END OF FLOPPY DRIVE AGING TEST
PRESS "Space Bar" to exit FD171.PRG
RUN program DMA2DSP.PRG (PRESS Function key "F8" to start)
Observe one full cycle of green band moving left to right across screen
Verify the border of the green band does NOT change to RED
PRESS "Space Bar" to exit, Remove Factory Utility disk



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SHEET 3 OF 3

ADD FOLLOWING TEST AT END OF LANGUAGE CONFIGURATION TEST

RUN program DMA2DSP.PRG (PRESS Function key "F8" to start)
Observe one full cycle of green band moving left to right across screen
Verify the border of the green band does NOT change to RED
PRESS "Space Bar" to exit, Remove Factory Utility disk

EFFECTIVITY

MANUFACTURING

REWORK ALL WIP WHICH DOES NOT PASS THE DMA2DSP.PRG TEST

FIELD

REQUIRED ONLY FOR REPAIR OF DEFECTIVE PCBAs

REWORK

JUMPER R221 OR REPLACE WITH 0 OHM RESISTOR
REMOVE C208 (NOT INSTALLED)