Note, first check that the following configuration is implemented on the Breadboard prior to manufacture of QM, FM, FS.

LK1	2-3 *(this is link 1 of an auto-numbered list)*	1 Wait (2-1 = 0 wait)
LK2	2-1	0 Wait (2-3 = 2 wait)
LK3	1-3	3 Waits for ROM
LK4	1-3	-“-
LK5	1-2	Clock not inverted (<15MHz)
LK6	OUT	disable IOSPACE from RBI
LK7	IN *(this is link 7, the last of an auto-numbered list)*	BCP4 INT connected

5.3 Component Heights

Are limited to:
ABOVE board on component side to 14.2 mm
BELOW board on track side to 2.8 mm

5.4 Add Wires

Wire link J1 pin 42 to TP9. (Watchdog)

Wire link connector screen test point to connector mounting screw after mounting D connector

5.5 D Connector Assembly

Install ‘d’ connector in board but do not solder

Slide board with connector into frame

Install Jackpost assembly into D connector (jackpost from outside of frame, flat washer, lock washer, nut (in that order) to jackpost stud from inside of frame)

Tighten nut (5 in.lb torque recommended by Sandia) Make sure connector face is pulled up tight to inside of frame

Solder ‘d’ connector to board

Issue	Date	Changes
1	20-May-97	
2		Update FM Assembly list

Machine File-System Directory:	d:\data\projects\xmm-om\mssl\dd\0030.03\fm icu siba.doc
Document File Name:	FM ICU SIBA.doc
Application:	MS Word 7
Included files:	
Print Date (this):	22-Oct-97 @ 12:50
Printer:	Postscript

1. Schematics

Drawing Number: 5229/051 Issue 2a 19 May 97

Hierarchical list of sheets:

SIBATOP 1 5-20-1996_9:31

RBI 1 -

SIBATOP 2 10-2-1996_18:15

2. PCB Manufacturing and Board Assembly

Drawing Number: 5229/051-5 Issue 2 9-Jun-96 drill plot

5229/051-6 Issue 3 3-Sep-96 assembly drawing

Artwork: X-1560-002 * verify it has been bare board tested before use

Serial Number:

3. Bill of Materials

This list contains details of parts required for kitting purposes and for checking by the designer.

Database printout for ICU-SIBA 4-Jun-97 as attached

4. FM Assembly List

This list supersedes the list contained on the assembly drawing.

Database printout for ICU-SIBA 4-Jun-97 as attached

5. Assembly Instructions

5.1 Outstanding Change Notices

Verify that there are no outstanding changes for this card.

5.2 Links

XMM Optical Monitor

MULLARD SPACE SCIENCE LABORATORY
UNIVERSITY COLLEGE LONDON Author: Nigel R Bray

MSSL *XMM*OM FM ICU-SIBA Design Document

DOCUMENT: XMM-OM/MSSL/DD/0030.03

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