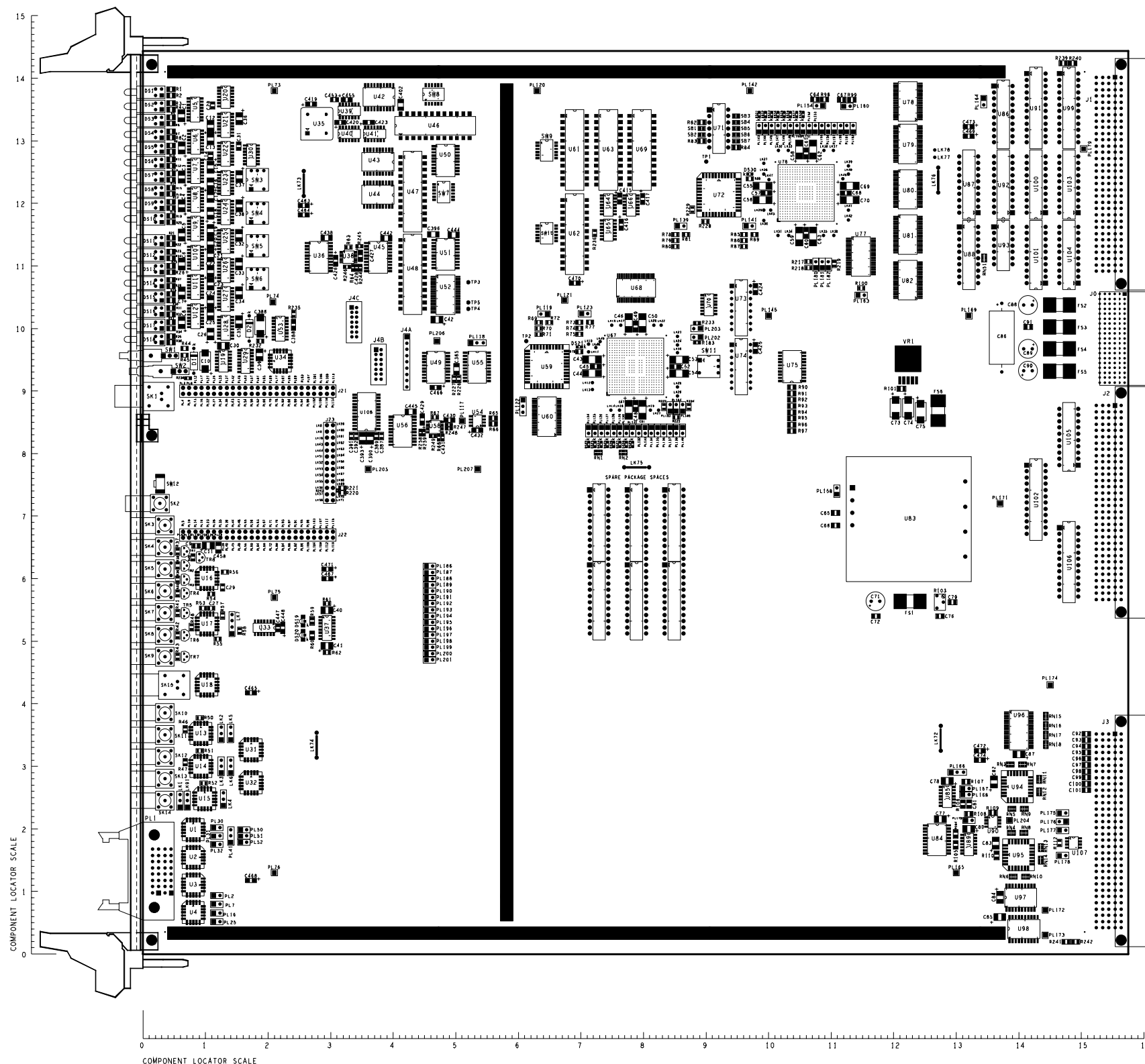


BOARD VIEWED ON 'A' FACE



ASSEMBLY NOTES

- SOLDER PASTE MASTERS AVAILABLE FOR ASSEMBLY OF SURFACE MOUNT COMPONENTS.
 TOP SOLDER PASTE - PC3216M/3 O FACE
 BOTTOM SOLDER PASTE - PC3216M/3 P FACE
 BOTTOM ASSEMBLY DRG. AVAILABLE - A1-TE-0102-046-02-*
1. ENSURE CORRECT ORIENTATION OF COMPONENTS.
 2. MOUNT LOW PROFILE SOCKETS WHERE ALL DIL I.C.s ARE TO BE MOUNTED. SEE KITTING LIST FOR DETAILS
 U73 AND U74 ARE TO BE SOLDERED DIRECTLY TO THE BOARD, NOT IN SOCKETS.
 3. FIT PRECI-DIP PCB CONNECTORS 714-91-125-31-001 TO CREATE J21, J22 AND J23 CONNECTORS. THESE ARE TO BE SOLDERED IN BUT NOT CUT SHORT BECAUSE DAUGHTER BOARD LEGS HAVE TO PUSH THROUGH THE BOARD.
 4. MOUNT GROUND BARS LK72-LK76 AS HIGH OFF THE BOARD AS POSSIBLE.
 5. ENSURE SK1-SK15 ARE ASSEMBLED TO BE PERPENDICULAR TO THE FRONT EDGE OF THE BOARD, TO ENSURE THEY PASS THROUGH THE FRONT PANEL CORRECTLY.
 6. DO NOT FIT CONNECTOR J0
 7. DO NOT FIT R220, R221 AND R225.
 8. USE SCHROFF MOUNTING BLOCK TO FIT FRONT PANEL IN THE CENTRE. SEE KITTING LIST FOR DETAILS.
 9. FIT 3 X STIFFENING BARS WHEN APPROPRIATE. BARS ARE TO BE FITTED TO THE TOP COMPONENT SIDE OF THE BOARD WITH BOLTS AND WASHERS DETAILED IN KITTING LIST. FIT 4 EXTRA M2.5 WASHERS BETWEEN THE PCB AND THE VERTICAL STIFFENING BAR TO LIFT THE BAR FROM THE TOP LAYER TRACKS.

C	01-12-2004	TE255	D. J. BECKETT	D. J. BALLARD	M. POSTRANECKY	
B	29-07-2004	TE238	D. J. BECKETT	D. J. BALLARD	M. POSTRANECKY	
A	23-05-2003	- - -	D. J. BECKETT	C. P. DAY	M. POSTRANECKY	
ISSUE	DATE	MOD NO.	DRAWN	CHECKED	APPROVED	STATUS
TOLERANCE UNLESS STATED				FINISH		ORIGINAL SCALE 1:1
				REMOVE ANY BURRS		DO NOT SCALE
MATERIAL & SPEC				SURFACE TEXTURE micro m		0 50mm
				UNLESS STATED		
USED ON				CCLRC 2003		
COUNCIL FOR THE CENTRAL LABORATORY RUTHERFORD APPLETON LABORATORY, CHILTON, OXON. OX11 0OX						
TITLE PC3216M TOP ASSEMBLY						
TTC INTERFACE MODULE (TIM-3C)						
A1-TE-0102-046-01-C						
TOTAL NO. OF SHEETS 2						