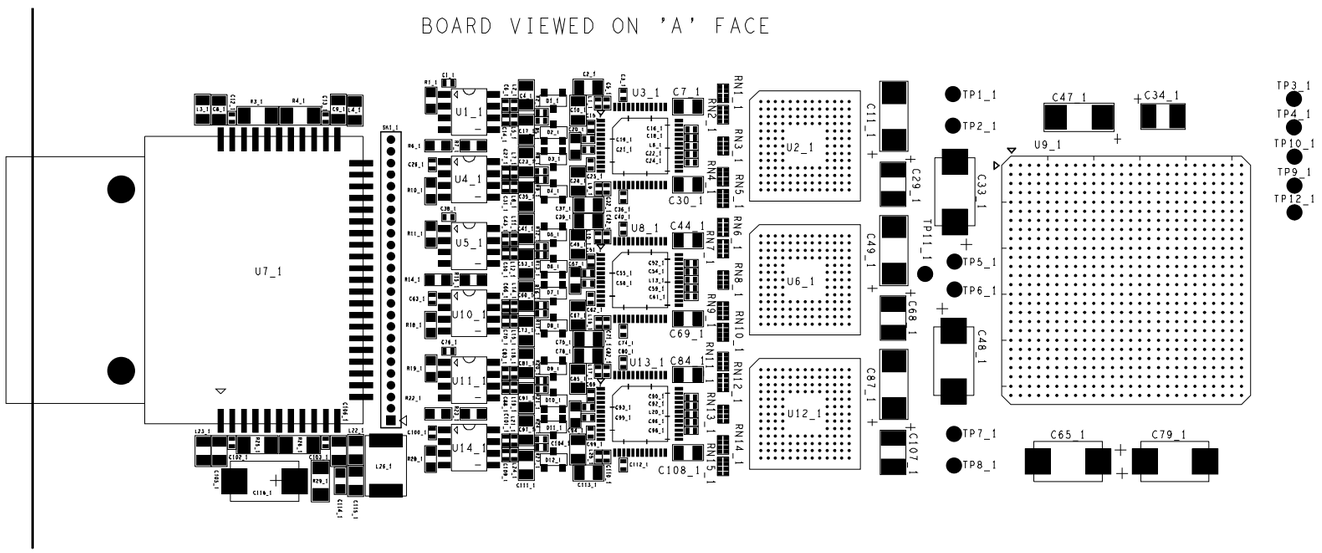
A | 1-TE-0070-022-03-A | PROJECTION | THIS DRAWING CONFORMS TO B.S. 308

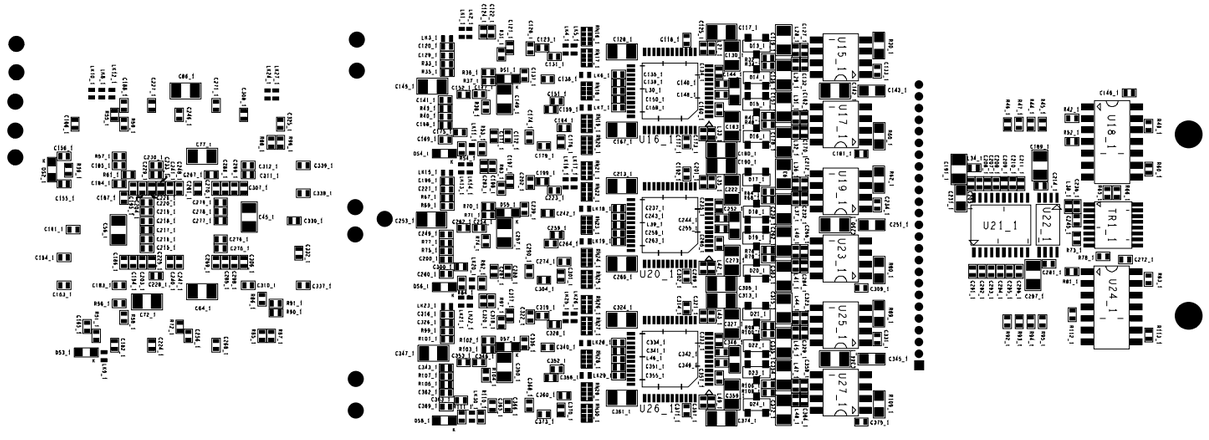
BOARD VIEWED ON 'A' FACE




1 CHANNEL (COMPONENTS: TOP AND BOTTOM) REPEATED 8 TIMES

SEE NOTE 1 FOR MORE INFORMATION ON COMPONENTS

BOARD VIEWED ON 'N' FACE




## TOP ASSEMBLY NOTES

SOLDER PASTE MASTERS AVAILABLE ,FOR ASSEMBLY OF SURFACE MOUNT COMPONENTS.
TOP SOLDER PASTE - PC3205M/1 S FACE
BOTTOM SOLDER PASTE - PC3205M/1 T FACE
TOP ASSEMBLY DRG. AVAILABLE - A1-TE-0070-022-01-*

1. COMPONENTS ARE SHOWN (FOR CHANNEL 1) WITH REFERENCE DESIGNATORS ENDING IN '_1' FOR CHANNEL 2 THEY END '_2' AND SO ON UP TO CHANNEL 8
   THE COMPONENT REFERENCE DESIGNATORS ARE IDENTICAL FOR EACH CHANNEL EXCEPT FOR '_*' SUFFIX. I E. UI_I IS IN THE SAME PLACE ON CHANNEL1 AS UI_2 IS ON CHANNEL 2
2. ENSURE CORRECT ORIENTATION OF COMPONENTS.
3. OBSERVE ELECTROSTATIC DISCHARGE PRECAUTIONS FOR COMPONENTS.
4. DO NOT FIT CAPACITORS C1_*,C26_*,C38_*,C63_*,C76_*,C100_*
5. FIX OPTO DEVICES (U7_1-8) TO BOARD WITH SCREWS BEFORE SOLDERING TO BOARD.

## BOTTOM ASSEMBLY NOTES

SOLDER PASTE MASTERS AVAILABLE ,FOR ASSEMBLY OF SURFACE MOUNT COMPONENTS
TOP SOLDER PASTE - PC3205M/1 S FACE
BOTTOM SOLDER PASTE - PC3205M/1 T FACE
BOTTOM ASSEMBLY DRG. AVAILABLE - A1-TE-0070-022-02-*.

1. COMPONENTS ARE SHOWN (FOR CHANNEL 1) WITH REFERENCE DESIGNATORS ENDING IN '_1' FOR CHANNEL 2 THEY END '_2' AND SO ON UP TO CHANNEL 8
   THE COMPONENT REFERENCE DESIGNATORS ARE IDENTICAL FOR EACH CHANNEL EXCEPT FOR THE '_*' SUFFIX, I.E. U1_1 IS IN THE SAME PLACE ON CHANNEL1 AS U1_2 IS ON CHANNEL 2
2. ENSURE CORRECT ORIENTATION OF COMPONENTS.
3. OBSERVE ELECTROSTATIC DISCHARGE PRECAUTIONS FOR COMPONENTS.
4. DO NOT FIT CAPACITORS C133_*,C181_*,C234_*,C309_*,C331_*,C375_*

| ISSUE | DATE | MOD NO. | DRAWN | CHECKED | APPROVED | STATUS |
|---|---|---|---|---|---|---|
| A | 04-12-02 | ----- | C.P.DAY | D.J.BECKETT | S.TAGHAVIRAD | |

TOLERANCE UNLESS STATED | FINISH: REMOVE ANY BURRS | ORIGINAL SCALE 3:1 | DO NOT SCALE

MATERIAL & SPEC | SURFACE TEXTURE micro m, UNLESS STATED | 0 — 16.6 mm

USED ON

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COUNCIL FOR THE CENTRAL LABORATORY OF THE RESEARCH COUNCILS
RUTHERFORD APPLETON LABORATORY, CHILTON, OXON, OX11 0QX

TITLE: PC3205M CHANNEL ASSEMBLY
CMS TRACKER FED v1

A | 1-TE-0070-022-03-A

TOTAL NO. OF SHEETS 3

A | 1-TE-0070-022-03-A