A | 2-TE-0095-005-00-B | THIS DRAWING CONFORMS TO B.S. 3939

VME J1 CONNECTOR
J1

VME J2 CONNECTOR
J2

JAUX CONNECTOR
JAUX

RN3
CLKOUT5 NCLKOUT5 CLKOUT6 NCLKOUT6 CLKOUT7 NCLKOUT7 BUSOUT0 NBUSOUT0
470R 2%

RN4
CLKOUT1 NCLKOUT1 CLKOUT2 NCLKOUT2 CLKOUT3 NCLKOUT3 CLKOUT4 NCLKOUT4
470R 2%

J15
BUSIN5 NBUSIN5 CLKOUT5 NCLKOUT5 DATOUT5 NDATOUT5

J11
CLKOUT1 NCLKOUT1 DATOUT1 NDATOUT1

RN7
BUSIN5 BUSIN6 BUSIN7 BUSIN8 NBUSIN5 NBUSIN6 NBUSIN7 NBUSIN8
100R 2%

J16
BUSIN6 NBUSIN6 CLKOUT6 NCLKOUT6 DATOUT6 NDATOUT6

J12
CLKOUT2 NCLKOUT2 DATOUT2 NDATOUT2

RN5
DATOUT5 NDATOUT5 DATOUT6 NDATOUT6 DATOUT7 NDATOUT7
470R 2%

RN6
DATOUT1 NDATOUT1 DATOUT2 NDATOUT2 DATOUT3 NDATOUT3 DATOUT4 NDATOUT4
470R 2%

J17
BUSIN7 NBUSIN7 CLKOUT7 NCLKOUT7 DATOUT7 NDATOUT7

J13
CLKOUT3 NCLKOUT3 DATOUT3 NDATOUT3

J14
CLKOUT4 NCLKOUT4 DATOUT4 NDATOUT4

PL1 PL2 PL3 PL4 PL5 PL6 PL7

FS1
10A
WIRE-ENDED

C1 22U +/-20%
C14 100N +/-20%
R1 470R 1%
DS1 GREEN
SIZE=12B
100N +/-20%

12 DECOUPLING CAPACITORS
FOR VEE ON ICS AND RESNETS

24 X 26 GRID OF PADS
0.1 SPACING DRILLED THROUGH

—o?
SIZE=624B

SW1
SW_4WAY_DIL
BUSIN4 BUSIN3 BUSIN2 BUSIN1 VBB

RN1
CLKIN0 DATIN0 NCLKIN0 NDATIN0
100R 2%

RN2
SP1 NSP1 SP3 NSP2 SP2 NSP3 SP4 NSP4
470R 2%

GND1=GND
GND2=GND

U1 U2 U5 U6 U3 U4

10105 U7

CLKIN0 NCLKIN0 DATIN0 NDATIN0
BUSIN5 NBUSIN5 BUSIN6 NBUSIN6 BUSIN7 NBUSIN7 BUSIN8 NBUSIN8
DATOUT1 NDATOUT1 DATOUT2 NDATOUT2 DATOUT3 NDATOUT3 DATOUT4 NDATOUT4 DATOUT5 NDATOUT5 DATOUT6 NDATOUT6 DATOUT7 NDATOUT7
CLKOUT1 NCLKOUT1 CLKOUT2 NCLKOUT2 CLKOUT3 NCLKOUT3 CLKOUT4 NCLKOUT4 CLKOUT5 NCLKOUT5 CLKOUT6 NCLKOUT6 CLKOUT7 NCLKOUT7 SP1 NSP1 SP2 NSP2 SP3 NSP3 SP4 NSP4
BUSOUT0 NBUSOUT0

R2 R3 R4 470R 1%
R5 R6 470R 1%

VCC LK1 LK2 LK3 LK4 LK5
VEE VBB

J10
BUSOUT0 NBUSOUT0 CLKIN0 NCLKIN0 DATIN0 NDATIN0

ISSUE	DATE	MOD NO.	DRN BY.	CHKD.	APPD.	STATUS
B	09-03-1999	- - - -	D. J. BECKETT	M. POSTRANECKY	M. POSTRANECKY	
A	05-03-1998	- - - -	D. J. BECKETT	M. POSTRANECKY	M. POSTRANECKY	

USED ON ATLAS

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

TITLE

PC3116M CIRCUIT

CLOAC II FANOUT MODULE

A | 2-TE-0095-005-00-B

TOTAL NO. OF SHEETS 1

A | 2-TE-0095-005-00-B