DWG NO	SN	REV

REVISIONS

REV	DESCRIPTION	DATE	APPROVED

D[31:0]
MC
wr_cal_reg
rd_cal_reg
wr_start_delay
rd_start_delay
wr_cal_delay
rd_cal_delay
wr_halt_delay
rd_halt_delay
rd_cal_done
calen
en_local_cal6
WR_TDC_CALEN
RD_TDC_CALEN
WR_TDC_CDEL
RD_TDC_CDEL
GLOBSR
XPROGRAM
XINIT

local_halt
local_reset
local_bufad0
local_bufad1
local_t1a
local_t1f
local_calen
local_cal0
local_cal1
local_cal2
local_cal3
local_cal4
local_cal5
local_cal6
TRIG0
TRIG1
TRIG2
XDONE

U20
XC17128-PD8C
TP34 TP35 TP36 TP37 TP38 TP42 TP39
TP42
XPROGRAM
XDONE
VCC
R36
4700
HC07-4700 1487-0825
XINIT
U19
XC4005EPQ100
XC4005EPQ100-3
TP30

		I.081/A0/WS	
wr_cal_delay	82	I.082/PGI4/A1	
rd_start_delay	83	I.083/CS1/A2	
wr_start_delay	84	I.084/A3	
rd_cal_reg	85	I.085/A4	
wr_cal_reg	86	I.086A5	
D(31)	87	I.087	
D(30)	88	I.088	
D(29)	89	I.089/A6	
D(28)	90	I.090/A7	
D(27)	93	I.093/A8	
D(26)	94	I.094/A9	
D(25)	95	I.095	
D(24)	96	I.096	
D(23)	97	I.097A10	
D(22)	98	I.098/A11	
D(21)	99	I.099/A12	
D(20)	100	I.0100/A13	

		I.050	local_halt
		I.049	local_reset
		I.048	local_bufad0
		I.047	local_bufad1
		I.046	local_t1f
		I.045	local_t1a
		I.044	local_calen
		I.043	local_cal0
		I.042	local_cal1
		I.039/ERR/INIT	39
		I.038	38 local_cal2
		I.037	37 local_cal3
		I.036	36 local_cal4
		I.035	35 local_cal5
		I.034	34 local_cal6
		I.033/LDC	33 TRIG0
		I.032	32 TRIG1
		I.031/HDC	31 TRIG2

		I.079/SGI6/DOUT	79 TDO
		I.078/SGI5	77 CLK
		I.075/D0/DIN	76
		I.074/RCLK BUSY/RDY	75
		I.073/D1	74
		I.072	73
		I.071/D2	72
		I.070	71
		I.069/RS	70
		I.068/D3	69 GLOBSR
		I.065	65 RD_TDC_CDEL
		I.064/D4	64 WR_TDC_CDEL
		I.063	63 RD_TDC_CALEN
		I.062	62 WR_TDC_CALEN
		I.061/CSO	61 en_local_cal6
		I.060/D5	60 rd_cal_done
		I.059	59 RD_START_DELAY
		I.058/D6	57 WR_START_DELAY
		I.057/HDI	56 wr_halt_delay
		I.056/D7	55
		M0	53 RD_CAL_DELAY
		DONE	51
		I.051/SGI3	

		I.01/A14	1 D00
		I.02/PGI2/A15	2 D01
		I.04/PGI1/A16	5 MC
		I.06/A17	6 D02
		I.07/TDI	8 D03
		I.08/TCK	9 D04
		I.09/TMS	10 D05
		I.010	11 D06
		I.011	12 D07
		I.012	13 D08
		I.013	D09
		I.016	16 D010
		I.017	17 D011
		I.018	18 D012
		I.019	19 D013
		I.020	20 D014
		I.021	21 D015
		I.022	22 D016
		I.023	23 D017
		I.024/SGI2	24 D018
		M1	25
		M2	27
		GND	29
		I.030/PGI2	30 D019

CDF UPGRADE ELECTRONICS	Fermi National Accelerator Lab	
	TRACER	
	Local Teststand Calibration	
Theresa M. Shaw	SIZE D	DWG NO TMS-TRAC-071197-P9B REV B
RD/EED/EES	SCALE	SHEET 1 of 1

E:\JOBS_TRACER\TRACER_PROD_V2\vbdc\tracer.sbk!vme_slave2(18;11) Fri May 29 13:54:41 1998