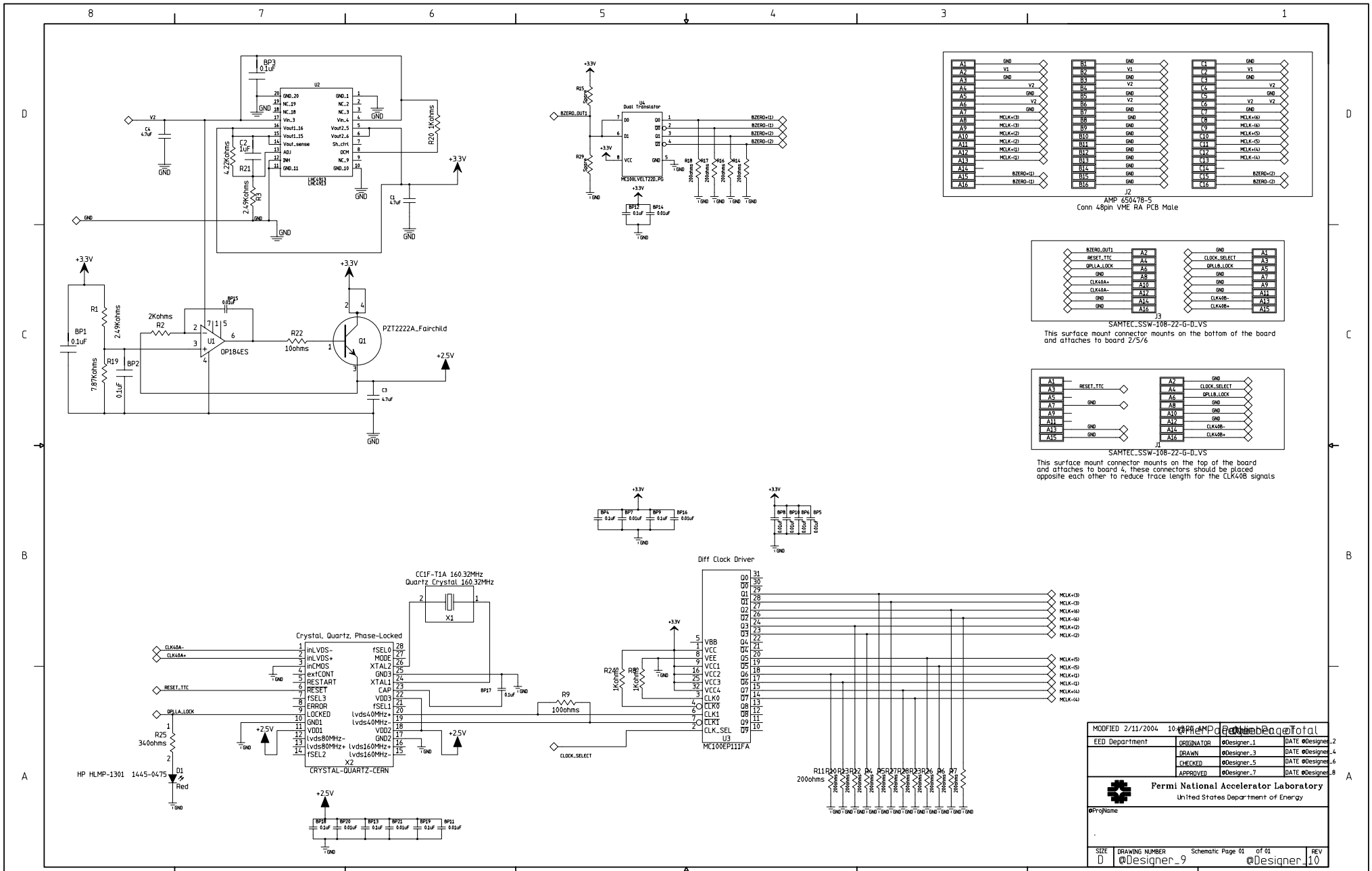

AMP 650478-5
Conn 48pin VME RA PCB Male
J2
SAMTEC_SSW-108-22-G-D_VS
This surface mount connector mounts on the bottom of the board and attaches to board 2/5/6
J3
SAMTEC_SSW-108-22-G-D_VS
This surface mount connector mounts on the top of the board and attaches to board 4, these connectors should be placed opposite each other to reduce trace length for the CLK40B signals
J1
Diff Clock Driver
MC100EP111FA
U3
Crystal, Quartz, Phase-Locked
CRYSTAL-QUARTZ-CERN
X2
CC1F-T1A 160.32MHz
Quartz Crystal 160.32MHz
X1
HP HLMP-1301 1445-0475
D1
Red
PZT2222A_Fairchild
Q1
OP184ES
U1
Dual Translator
MC100LVELT22D_PG
U4
LHC4913
LHC4913
U2
Fermi National Accelerator Laboratory
United States Department of Energy
MODIFIED 2/11/2004
EED Department
ORIGINATOR
DRAWN
CHECKED
APPROVED
@Designer_1
@Designer_3
@Designer_5
@Designer_7
DATE @Designer_2
DATE @Designer_4
DATE @Designer_6
DATE @Designer_8
@ProjName
SIZE
D
DRAWING NUMBER
@Designer_9
Schematic Page 01 of 01
REV
@Designer_10
H=8ND; V=4LA