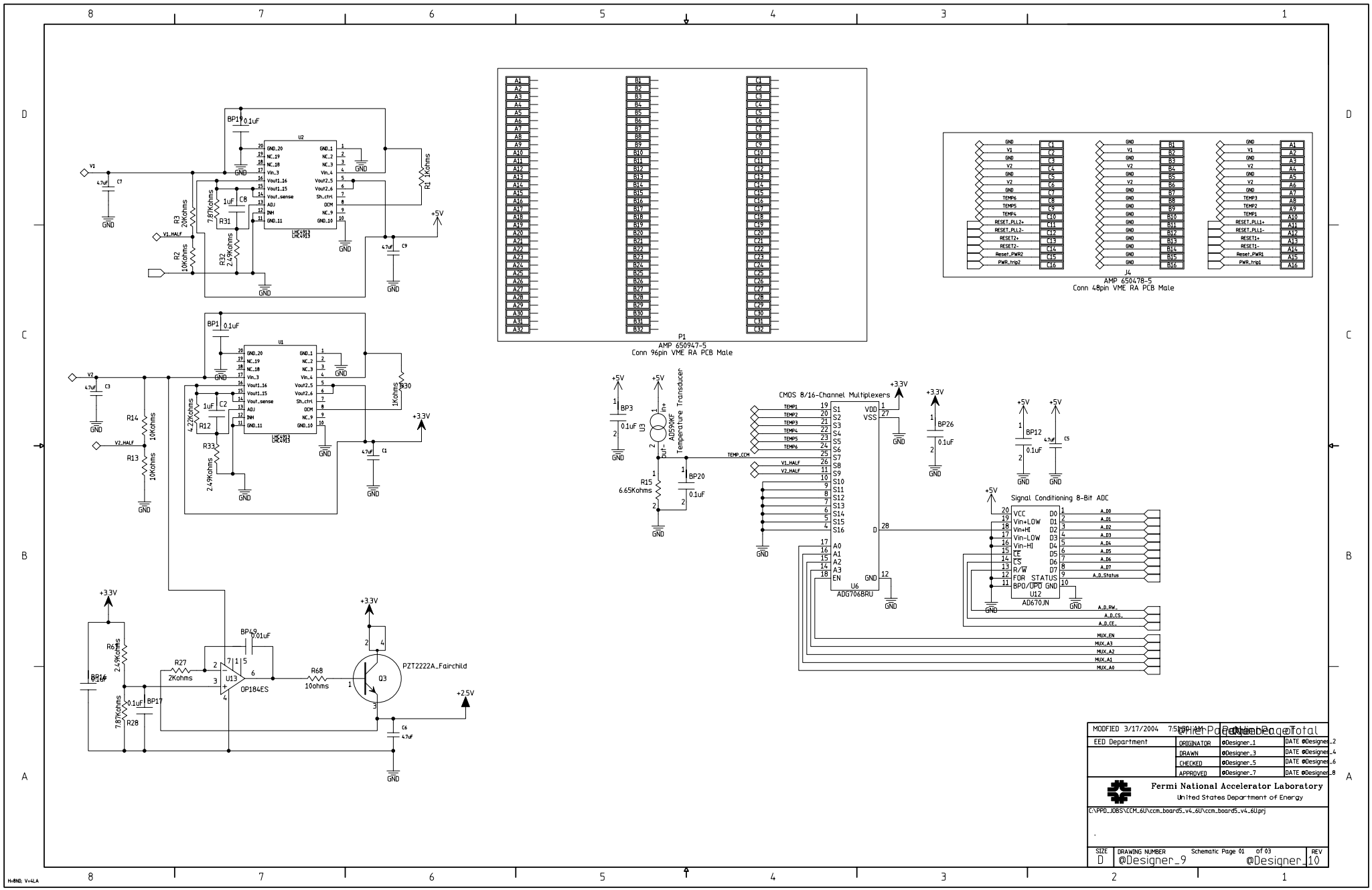

P1
AMP 650947-5
Conn 96pin VME RA PCB Male
J4
AMP 650478-5
Conn 48pin VME RA PCB Male
U2
LHC4913
U1
LHC4913
U3
AD590KF
Temperature Transducer
CMOS 8/16-Channel Multiplexers
U6
ADG706BRU
Signal Conditioning 8-Bit ADC
U12
AD670JN
U13
OP184ES
Q3
PZT2222A_Fairchild
MODFIED 3/17/2004 7:51:00 AM
EED Department
ORIGINATOR @Designer_1
DRAWN @Designer_3
CHECKED @Designer_5
APPROVED @Designer_7
DATE @Designer_2
DATE @Designer_4
DATE @Designer_6
DATE @Designer_8
Fermi National Accelerator Laboratory
United States Department of Energy
C:\PPD_JOBS\CCM_6U\ccm_board5_v4_6U\ccm_board5_v4_6U.prj
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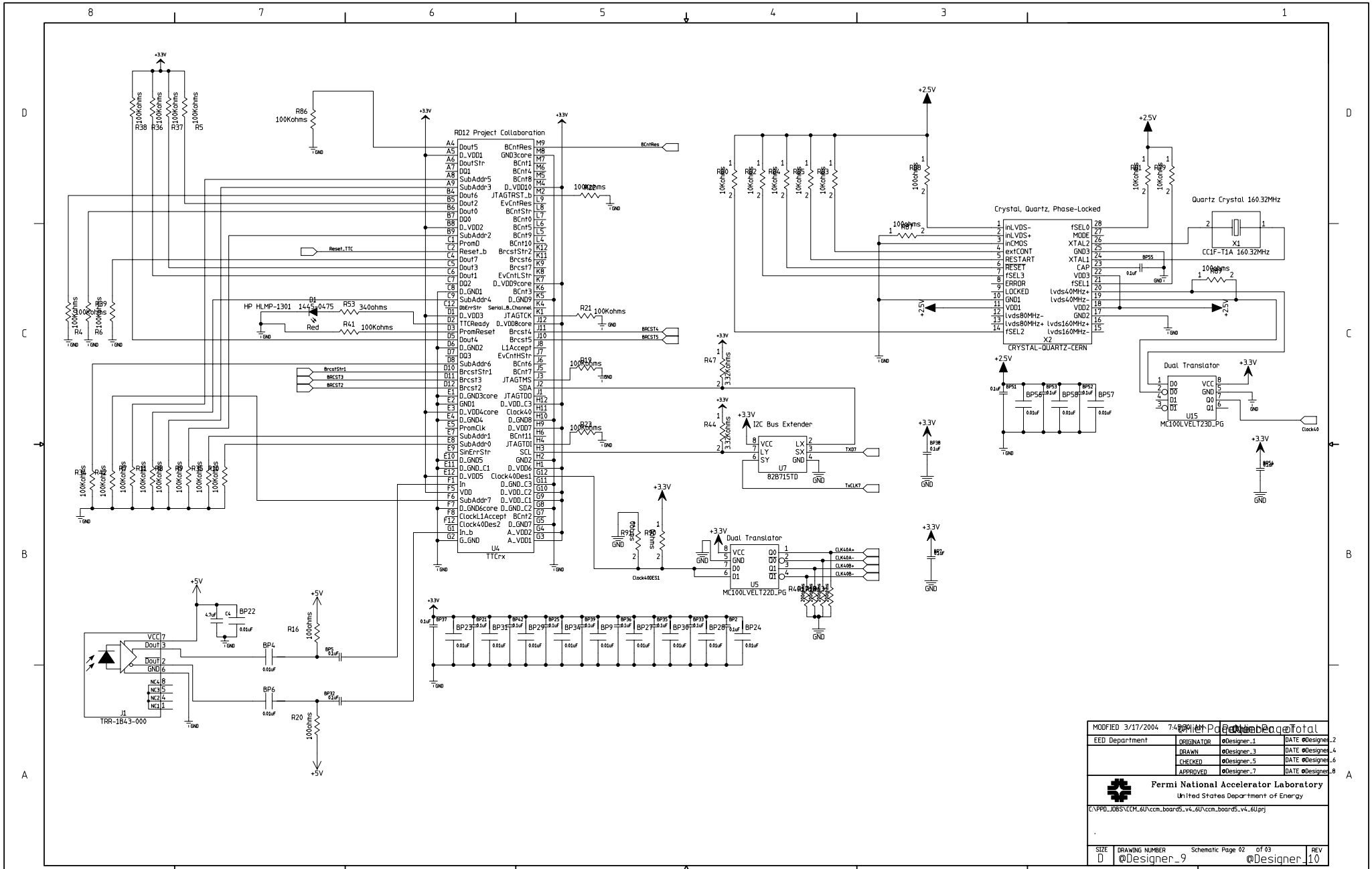
Schematic Page 01 of 03
REV @Designer_10


RD12 Project Collaboration
U4
TTCrx
Crystal, Quartz, Phase-Locked
X2
CRYSTAL-QUARTZ-CERN
Quartz Crystal 160.32MHz
X1
CC1F-T1A 160.32MHz
Dual Translator
U15
MC100LVELT23D_PG
I2C Bus Extender
U7
82B715TD
Dual Translator
U5
MC100LVELT22D_PG
HP HLMP-1301
TRR-1B43-000
J1
MODIFIED 3/17/2004
EED Department
ORIGINATOR
DRAWN
CHECKED
APPROVED
Fermi National Accelerator Laboratory
United States Department of Energy
C:\PPD_JOBS\CCM_6U\ccm_board5_v4_6U\ccm_board5_v4_6U.prj
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DRAWING NUMBER
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of 03
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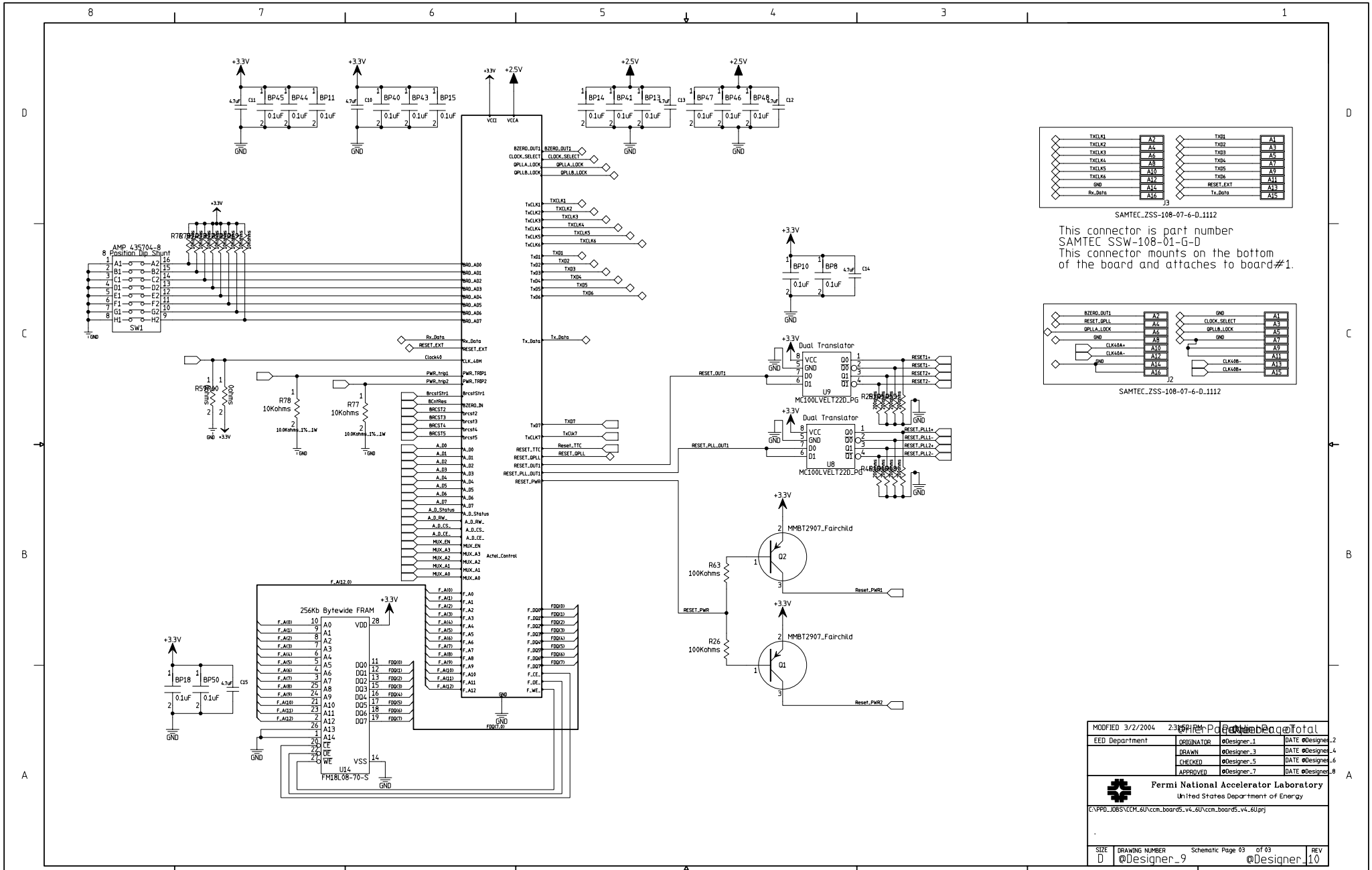
@Designer_9
@Designer_10


AMP 435704-8
8 Position Dip Shunt
SW1
256Kb Bytewide FRAM
FM18L08-70-S
U14
Actel_Control
Dual Translator
MC100LVELT22D_PG
U9
U8
MMBT2907_Fairchild
Q2
Q1
R63
100Kohms
R26
100Kohms
R78
10Kohms
R77
10Kohms
R59
240
SAMTEC_ZSS-108-07-6-D_1112
J3
J2
This connector is part number
SAMTEC SSW-108-01-G-D
This connector mounts on the bottom
of the board and attaches to board#1.
MODIFIED 3/2/2004
EED Department
ORIGINATOR
DRAWN
CHECKED
APPROVED
Fermi National Accelerator Laboratory
United States Department of Energy
C:\PPD_JOBS\CCM_6U\ccm_board5_v4_6U\ccm_board5_v4_6U.prj
SIZE
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DRAWING NUMBER
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Schematic Page 03
of 03
REV
@Designer_10