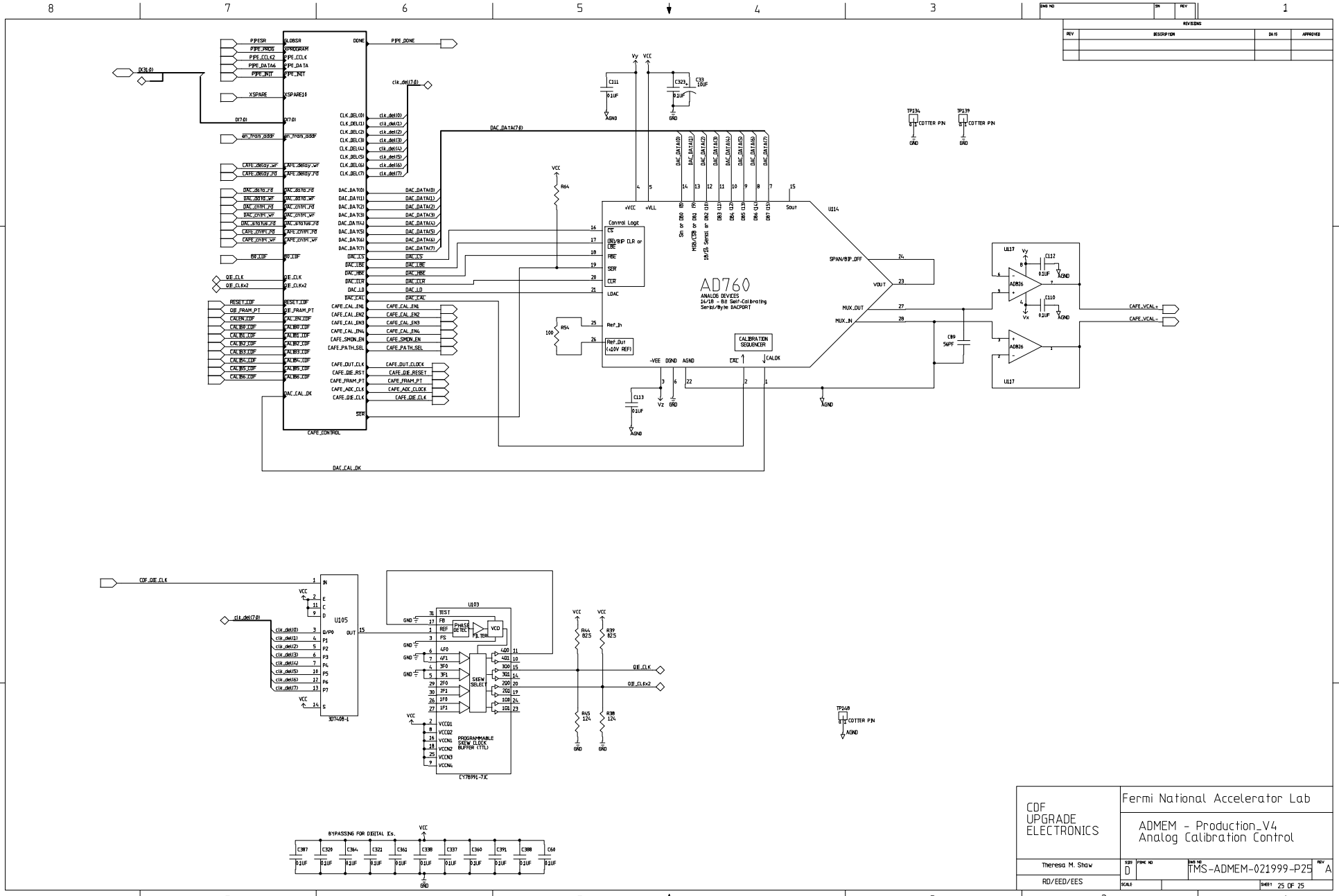
AD760
ANALOG DEVICES
16/18 - Bit Self-Calibrating
Serial/Byte DACPORT
CALIBRATION SEQUENCER
CAFE_CONTROL
U114
U117
AD826
U105
3D7408-1
U103
CY78991-7JC
PROGRAMMABLE SKEW CLOCK BUFFER (TTL)
SKEW SELECT
PHASE DETEC
FILTER
VCO
BYPASSING FOR DIGITAL ICs.
COTTER PIN
CDF_DIE_CLK
DAC_CAL_DK
DAC_DATA(7:0)
CAFE_VCAL+
CAFE_VCAL-
DIE_CLK
DIE_CLKx2
CAFE_CAL_EN1
CAFE_CAL_EN2
CAFE_CAL_EN3
CAFE_CAL_EN4
CAFE_SMON_EN
CAFE_PATH_SEL
CAFE_DUT_CLOCK
CAFE_DIE_RESET
CAFE_FRAM_PT
CAFE_ADC_CLOCK
CAFE_DIE_CLK
CAFE_DELAY_WF
CAFE_DELAY_RD
DAC_DATA_RD
DAC_DATA_WF
DAC_CNTR_RD
DAC_CNTR_WF
DAC_status_RD
CAFE_CNTR_RD
CAFE_CNTR_WF
DAC_CAL_DK
CALDK
SPAN/BIP_OFF
VOUT
MUX_OUT
MUX_IN
Control Logic
Ref_In
Ref_Out (+10V REF)
Sout
Vy
Vz
Vx
VCC
GND
AGND
DGND
R64
R54
R44 825
R39 825
R45 124
R38 124
C89 56PF
C111 0.1UF
C323 0.1UF
C33 10UF
C113 0.1UF
C112 0.1UF
C110 0.1UF
TP134
TP139
TP148
CDF UPGRADE ELECTRONICS
Fermi National Accelerator Lab
ADMEM - Production_V4
Analog Calibration Control
Theresa M. Shaw
RD/EED/EES
D
TMS-ADMEM-021999-P25
A
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