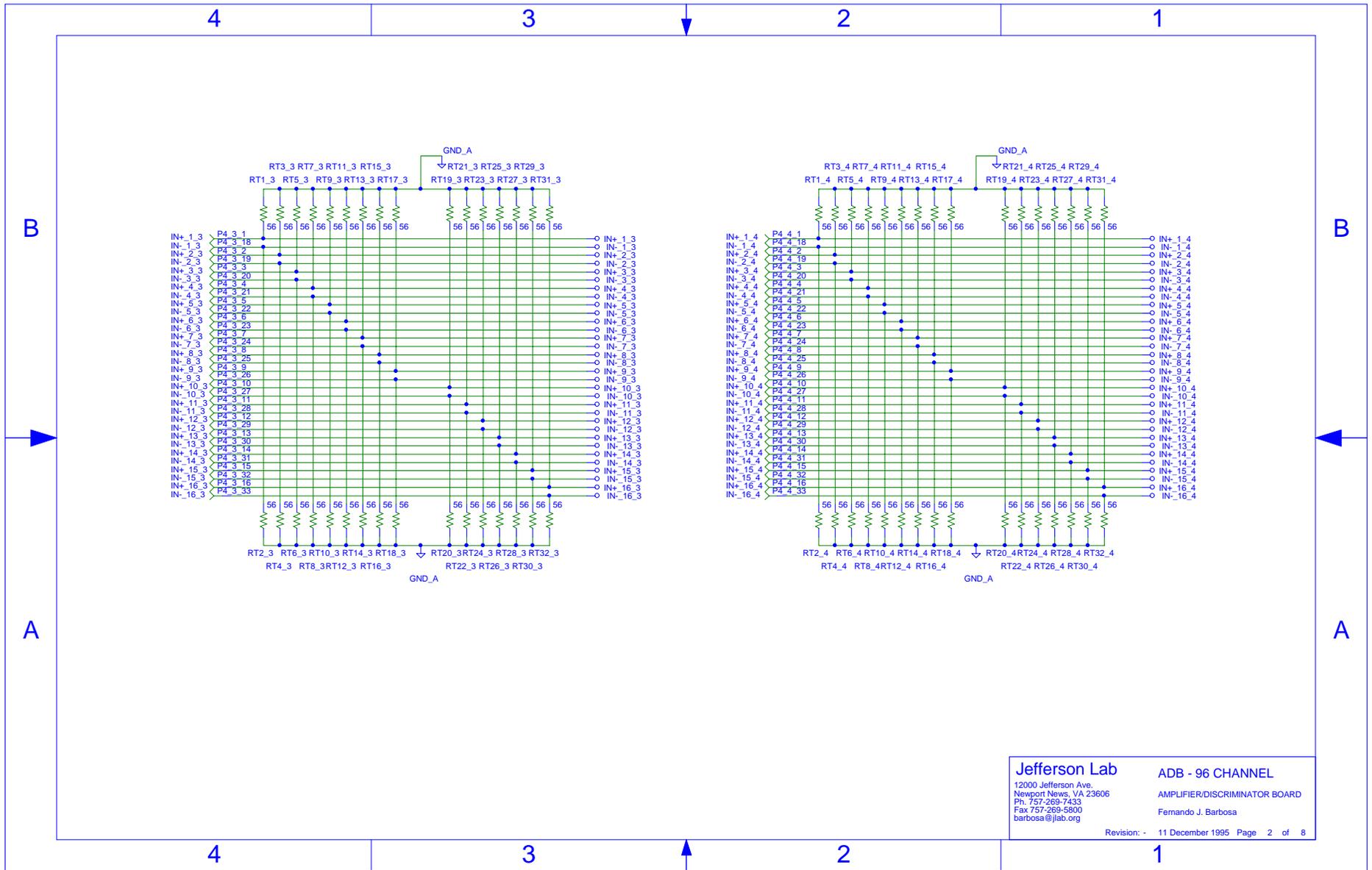


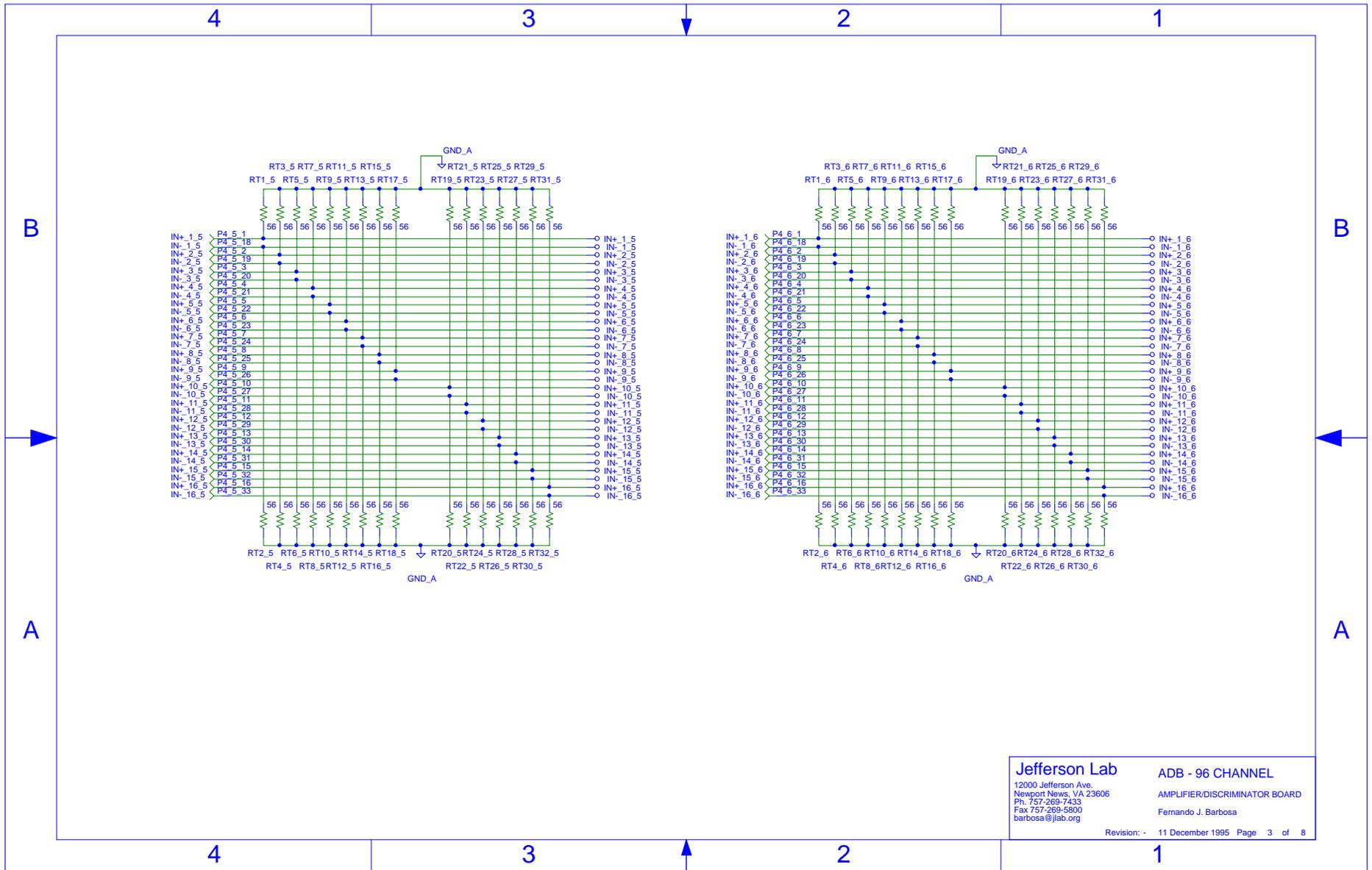
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 AMPLIFIER/DISCRIMINATOR BOARD
 Fernando J. Barbosa



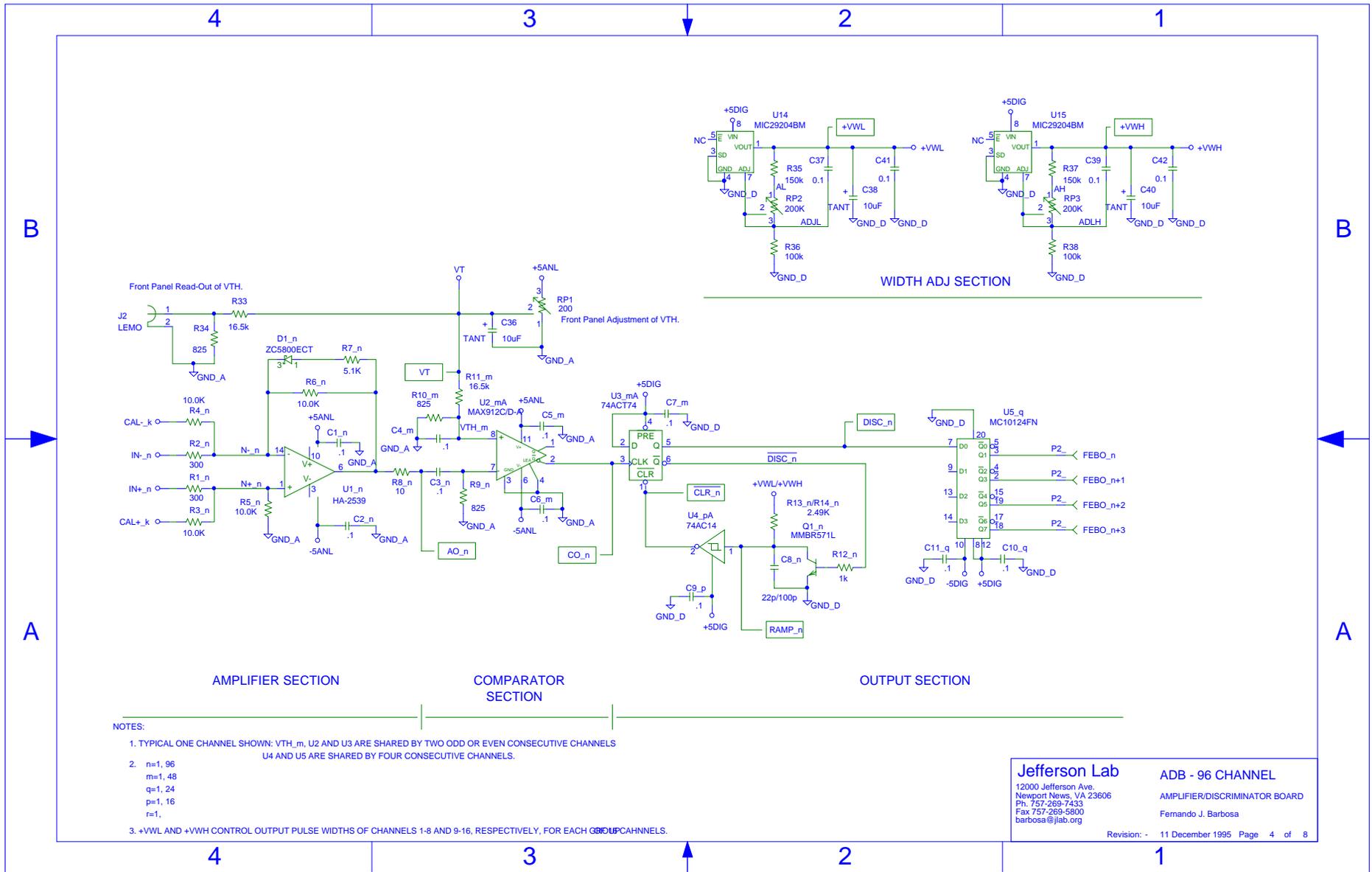
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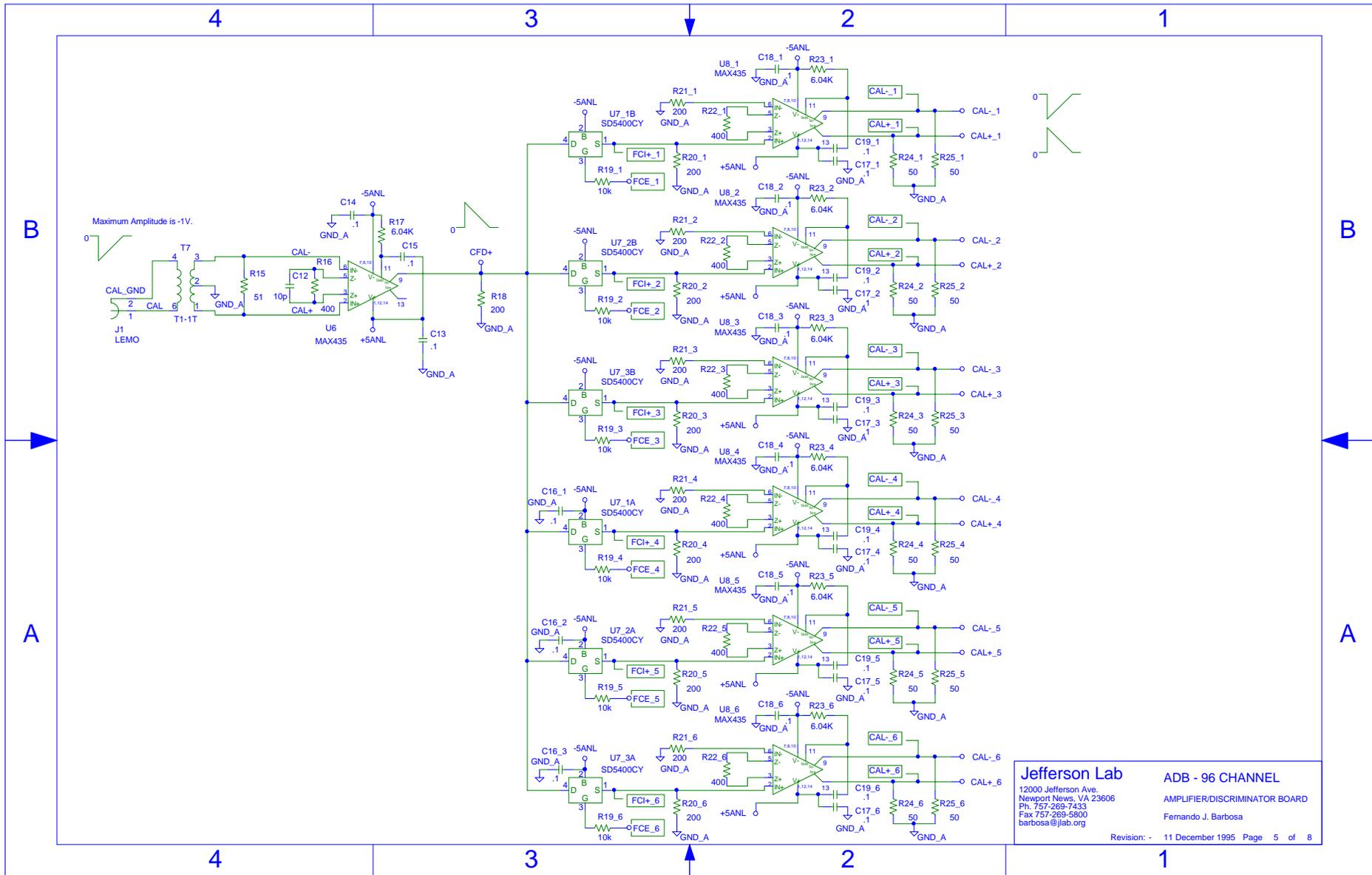
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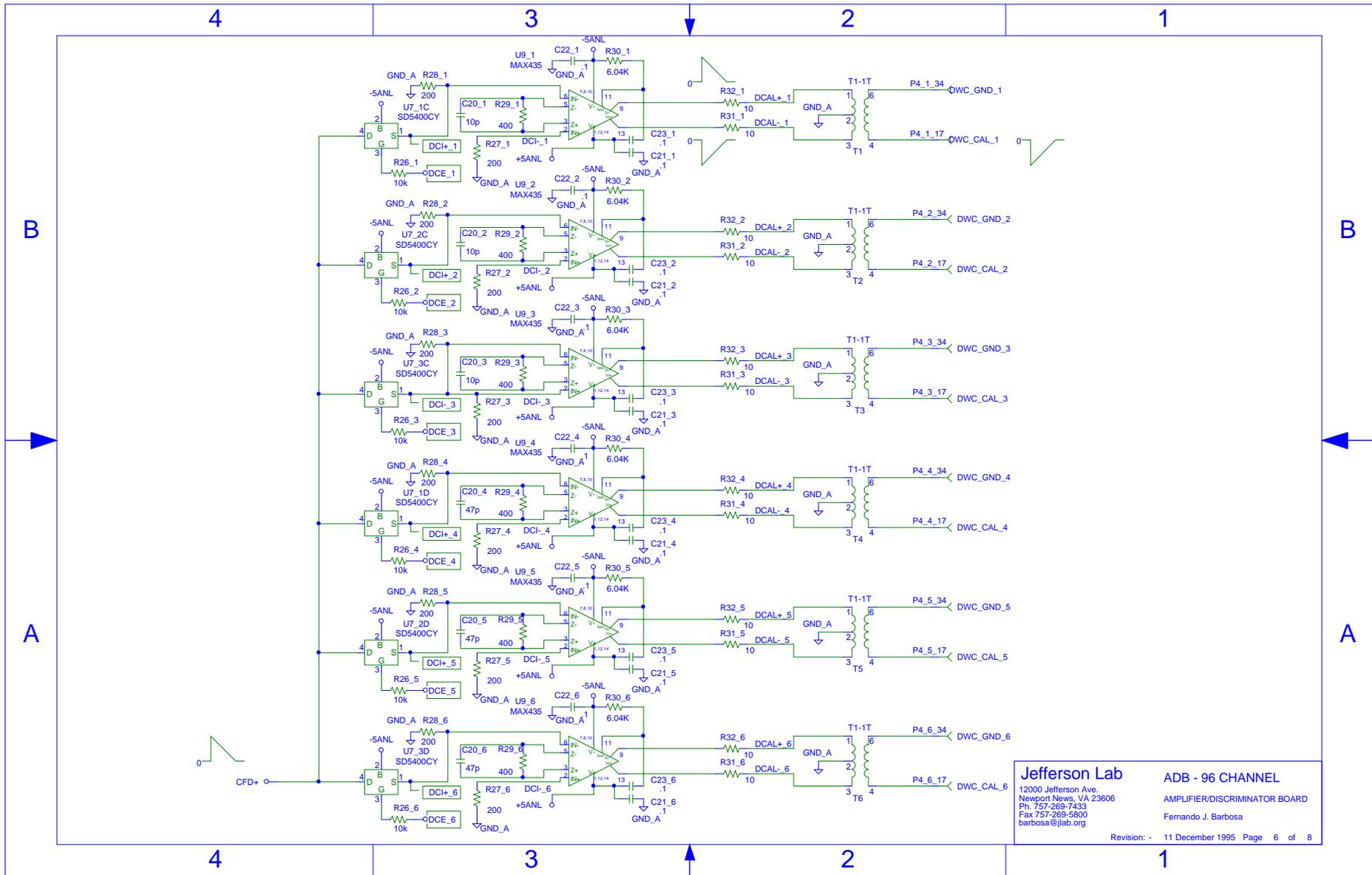


NOTES:

1. TYPICAL ONE CHANNEL SHOWN: VTH_m, U2 AND U3 ARE SHARED BY TWO ODD OR EVEN CONSECUTIVE CHANNELS
U4 AND U5 ARE SHARED BY FOUR CONSECUTIVE CHANNELS.
2. n=1, 96
m=1, 48
q=1, 24
p=1, 16
r=1,
3. +VWL AND +VWH CONTROL OUTPUT PULSE WIDTHS OF CHANNELS 1-8 AND 9-16, RESPECTIVELY, FOR EACH CHANNEL.

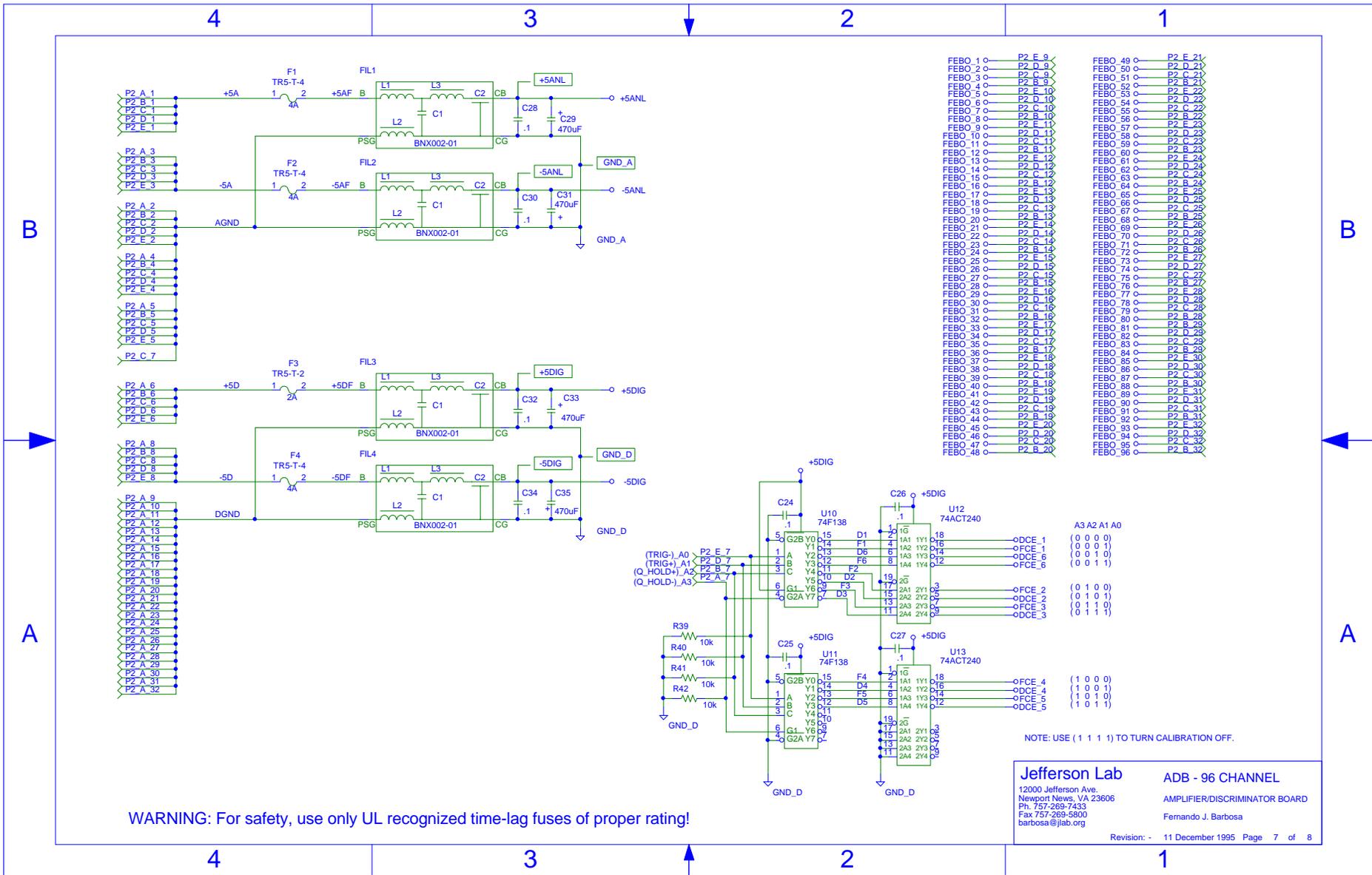
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 Revision: - 11 December 1995 Page 6 of 8



FEBO_1	0	P2_E_9
FEBO_2	0	P2_D_9
FEBO_3	0	P2_D_9
FEBO_4	0	P2_B_9
FEBO_5	0	P2_E_10
FEBO_6	0	P2_D_10
FEBO_7	0	P2_C_10
FEBO_8	0	P2_B_10
FEBO_9	0	P2_E_11
FEBO_10	0	P2_D_11
FEBO_11	0	P2_C_11
FEBO_12	0	P2_B_11
FEBO_13	0	P2_E_12
FEBO_14	0	P2_D_12
FEBO_15	0	P2_C_12
FEBO_16	0	P2_B_12
FEBO_17	0	P2_D_13
FEBO_18	0	P2_C_13
FEBO_19	0	P2_C_13
FEBO_20	0	P2_E_14
FEBO_21	0	P2_D_14
FEBO_22	0	P2_D_14
FEBO_23	0	P2_C_14
FEBO_24	0	P2_B_14
FEBO_25	0	P2_E_15
FEBO_26	0	P2_D_15
FEBO_27	0	P2_C_15
FEBO_28	0	P2_B_15
FEBO_29	0	P2_E_16
FEBO_30	0	P2_D_16
FEBO_31	0	P2_C_16
FEBO_32	0	P2_B_16
FEBO_33	0	P2_E_17
FEBO_34	0	P2_D_17
FEBO_35	0	P2_C_17
FEBO_36	0	P2_B_17
FEBO_37	0	P2_E_18
FEBO_38	0	P2_D_18
FEBO_39	0	P2_C_18
FEBO_40	0	P2_B_18
FEBO_41	0	P2_E_19
FEBO_42	0	P2_D_19
FEBO_43	0	P2_C_19
FEBO_44	0	P2_B_19
FEBO_45	0	P2_E_20
FEBO_46	0	P2_D_20
FEBO_47	0	P2_C_20
FEBO_48	0	P2_B_20
FEBO_49	0	P2_E_21
FEBO_50	0	P2_D_21
FEBO_51	0	P2_C_21
FEBO_52	0	P2_B_21
FEBO_53	0	P2_E_22
FEBO_54	0	P2_D_22
FEBO_55	0	P2_C_22
FEBO_56	0	P2_B_22
FEBO_57	0	P2_E_23
FEBO_58	0	P2_D_23
FEBO_59	0	P2_C_23
FEBO_60	0	P2_B_23
FEBO_61	0	P2_E_24
FEBO_62	0	P2_D_24
FEBO_63	0	P2_C_24
FEBO_64	0	P2_B_24
FEBO_65	0	P2_E_25
FEBO_66	0	P2_D_25
FEBO_67	0	P2_C_25
FEBO_68	0	P2_B_25
FEBO_69	0	P2_E_26
FEBO_70	0	P2_D_26
FEBO_71	0	P2_C_26
FEBO_72	0	P2_B_26
FEBO_73	0	P2_E_27
FEBO_74	0	P2_D_27
FEBO_75	0	P2_C_27
FEBO_76	0	P2_B_27
FEBO_77	0	P2_E_28
FEBO_78	0	P2_D_28
FEBO_79	0	P2_C_28
FEBO_80	0	P2_B_28
FEBO_81	0	P2_E_29
FEBO_82	0	P2_D_29
FEBO_83	0	P2_C_29
FEBO_84	0	P2_B_29
FEBO_85	0	P2_E_30
FEBO_86	0	P2_D_30
FEBO_87	0	P2_C_30
FEBO_88	0	P2_B_30
FEBO_89	0	P2_E_31
FEBO_90	0	P2_D_31
FEBO_91	0	P2_C_31
FEBO_92	0	P2_B_31
FEBO_93	0	P2_E_32
FEBO_94	0	P2_D_32
FEBO_95	0	P2_C_32
FEBO_96	0	P2_B_32

A3	A2	A1	A0
(0 0 0 0)			
(0 0 0 1)			
(0 0 1 0)			
(0 0 1 1)			
(0 1 0 0)			
(0 1 0 1)			
(0 1 1 0)			
(0 1 1 1)			

NOTE: USE (1 1 1 1) TO TURN CALIBRATION OFF.

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