

Mnemonic	Literal	Pg.
8/16	8X2/16X1 Switch	2,3
B1LED	Gate Bus 1 LED Signal	4
B2LED	Gate Bus 2 LED Signal	4
B3LED	Gate Bus 3 LED Signal	4
Bus 1	Gate Bus 1 Signal	4
Bus 1 Gate	Gate Bus 1 Gate Output	4
Bus 1 Load	Bus 1 Load Switch	4
Bus 1 Trig	Gate Bus 1 Trigger Output	4
Bus 2 Gate	Gate Bus 2 Gate Output	4
Bus 2 Trig	Gate Bus 2 Trigger Output	4
Bus 3	Gate Bus 3 Signal	4
Bus 3 Gate	Gate Bus 3 Gate Output	4
Bus 3 Trig	Gate Bus 3 Trigger Output	4
Bus Ref	Gate Bus Reference Voltage	2,4
Clock	Derived Clock Signal	2
Clock In	External Clock In	2
Clock LED	Clock LED Signal	2
LD n	Pattern LED n Signal <n = 1 thru 16>	3
Load In	External Load In	2
Manual Load	Manual Load Switch	2
Manual Step	Manual Step Switch	2
Master Gate	Master Gate Bus Gate Output	4
Master Trig	Master Gate Bus Trigger Output	4
MBLED	Master Gate Bus LED Signal	4
Merge 1	Gate Bus 1 Merge Switch	4
Merge 2	Gate Bus 2 Merge Switch	4
Merge 3	Gate Bus 3 Merge Switch	4
PSA	Register Parallel/Serial Select	2,3
R Async	Register Asynchronous Select	2,3
R Clock	Register Clock	2,3
Rand In	Random Signal Input	2,3
Ref In	Reference Pot Voltage	2,3
RLED	Reference LED Signal	2,3
RPAT	Random/Pattern Switch	2,3
Switch n	Pattern Switch <n = 1 thru 16>	2

Revision History	
1.00	Original Release
1.10	Document Cleanup and Correction
1.11	Document Clean-Up and Correction
1.12	Document Clean-Up and Correction
1.20	Added R91/D7 to Manual Step Added Hysterisis R92 and R93 Added R94 to Random Input
1.21	Added "Invert B" and "Pattern LEDs" labels to page 3.
1.22	No Changes This Revision

Board Series Reference Designator Prefix 100 On All Interconnect Diagrams

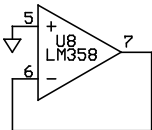
Highest Reference Designator Used

C28
D7
J13
Q6
R94
U15

Reference Designators Not Used

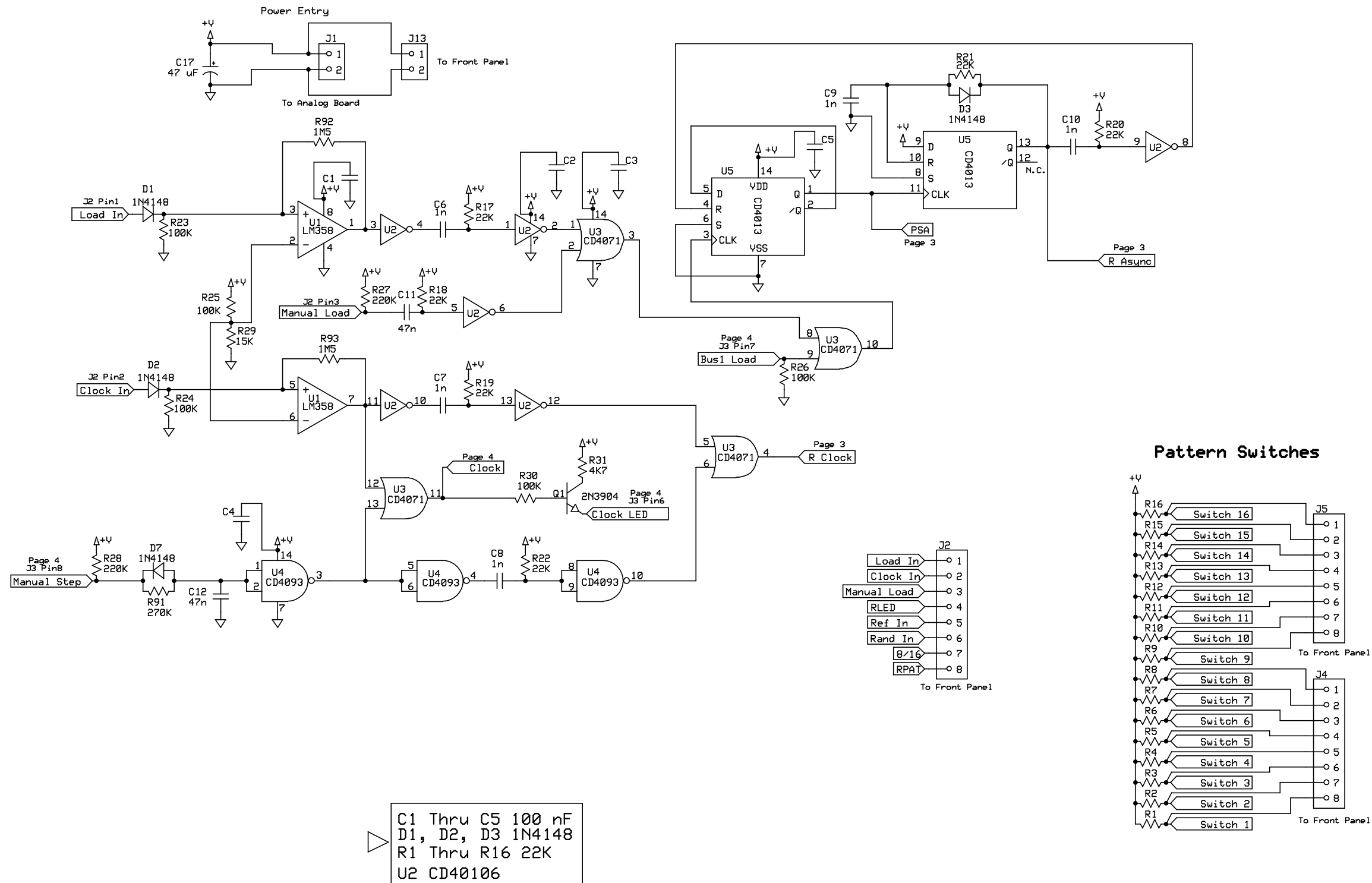
N/A

Unused IC Sections

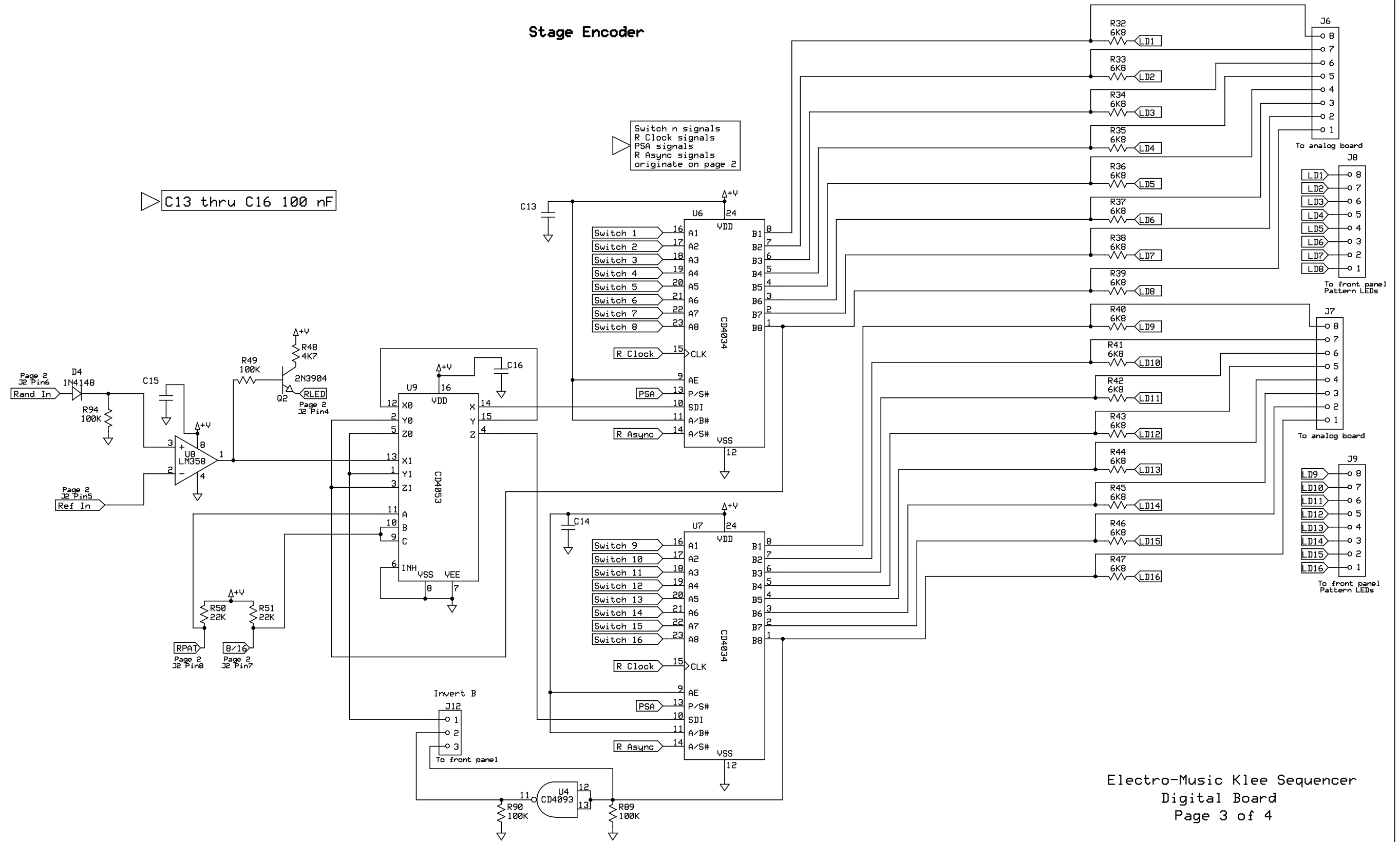


Electro-Music Klee Sequencer
Klee Digital Board
Revision 1.22
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Clock and Load



Stage Encoder



Mnemonic	Literal	Pg.
Max V	Maximum Range Voltage	2,3
Ret A	Glide Pot A Tap	4
Ret AB	Glide Pot A+B Tap	4
Ret B	Glide Pot B Tap	4
Send G A	Top of Glide Pot A	4
Send G AB	Top of Glide Pot A+B	4
Send G B	Top of Glide Pot B	4
Step Mix A	Register A Mixed Voltage	3,4
Step Mix B	Register B Mixed Voltage	3,4

Revision History

1.00	Original Release
1.10	Document Clean-Up and Correction Change R26-R29 from 10K to 150K Change R34-R37 from 1K to 10K
1.11	Document Clean-Up and Correction
1.12	Document Clean-Up and Correction
1.20	Changed J14 to W1, deleted J14 Changed R29 from 150K to 60K Added W2 and J16 to Scaler Added D30 to Scaler
1.21	Changed W2 from 3 pin to 2 pin Added W1 note to page 4 Added labels to J1, J3, J5-7, J13
1.22	Added R58 to page 3 Changed R33 from 2K2 to 1K

Board Series Reference Designator Prefix 200 On All Interconnect Diagrams

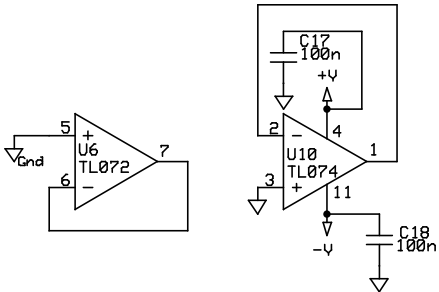
Highest Reference Designator Used

C20
D30
J16
R58
U10
W2

Reference Designators Not Used

J14

Unused IC Sections

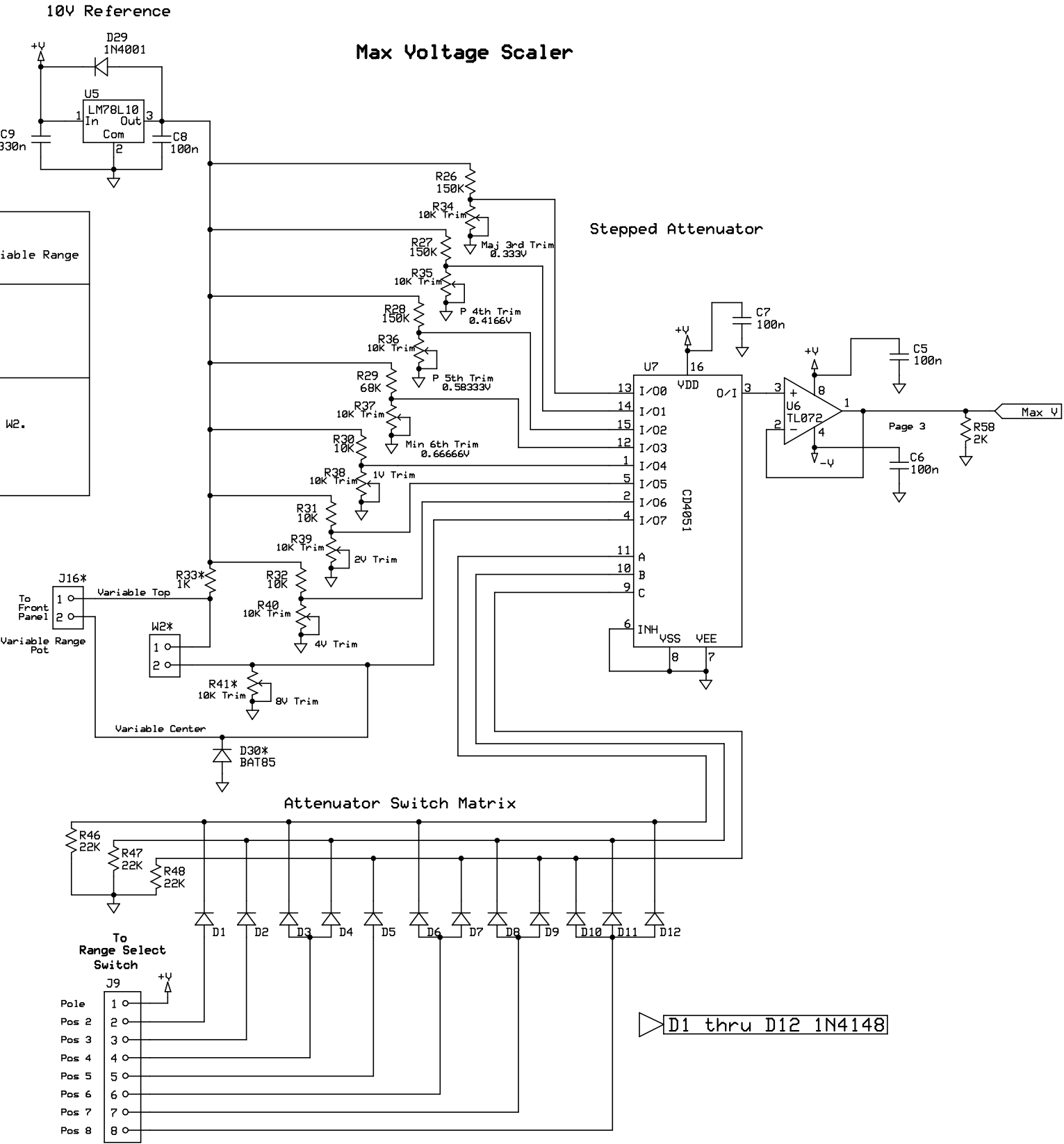


▷ Note: All 100K Resistors On This Schematic Are Specified as 0.1%

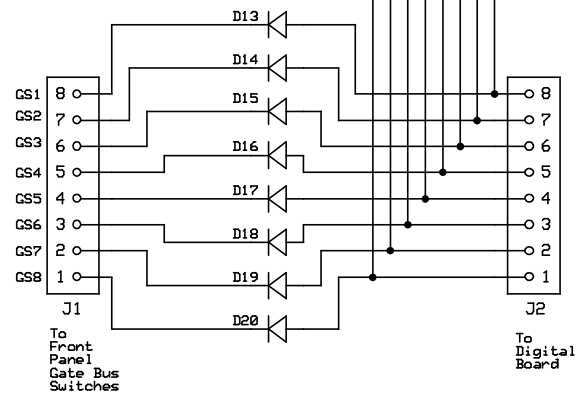
Electro-Music Klee Sequencer
Klee Analog Board
Revision 1.22

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Variable Range Control Option Value/use of all parts marked "" depend on if the Variable Range Control Option is implemented or not.
Implementing Standard Fixed Range Use values depicted on schematic. Install jumper between pads 1 and 2 of W2. Installing J16 not required. Installing D30 not required.
Implementing Variable Range Control Option OMIT (do <u>not</u> install) R41. OMIT (do <u>not</u> install) jumper between pads 1 and 2 of W2. Install J16. Install D30 Select value for R33 to determine max variable range (refer to build documentation).

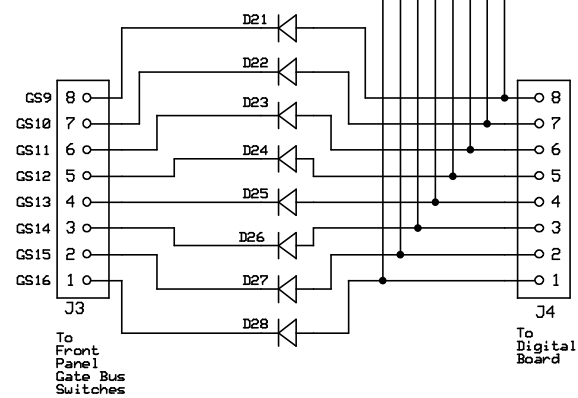


Gate Bus Diodes



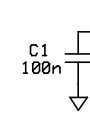
D13 thru D28 1N4148

Gate Bus Diodes



Step Decoder Stage Activation

Page 2
Max V



Pot Top
Pot 1
Pot 2
Pot 3
Pot 4
Pot 5
Pot 6
Pot 7
Pot 8
J5
To Front Panel Programming Pots

Pot Center
Pot 1
Pot 2
Pot 3
Pot 4
Pot 5
Pot 6
Pot 7
Pot 8
J7
To Front Panel Programming Pots



Page 4
Step Mix A

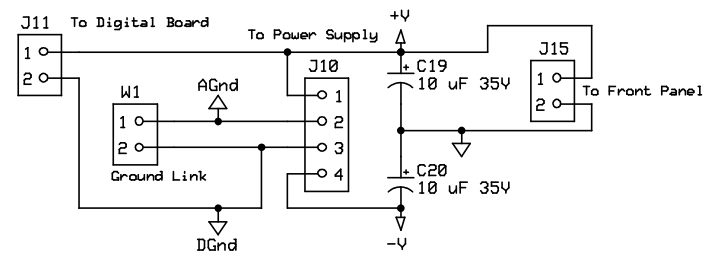
Pot Top
Pot 9
Pot 10
Pot 11
Pot 12
Pot 13
Pot 14
Pot 15
Pot 16
J6
To Front Panel Programming Pots

Pot Center
Pot 9
Pot 10
Pot 11
Pot 12
Pot 13
Pot 14
Pot 15
Pot 16
J8
To Front Panel Programming Pots

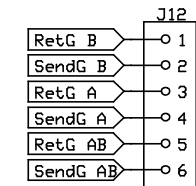


Page 4
Step Mix B

⚠ Install a jumper between pads 1 and 2 of W1 if the power supply has only 1 ground feed.



Output Voltage Mixer



To Front Panel
Glide Pots

