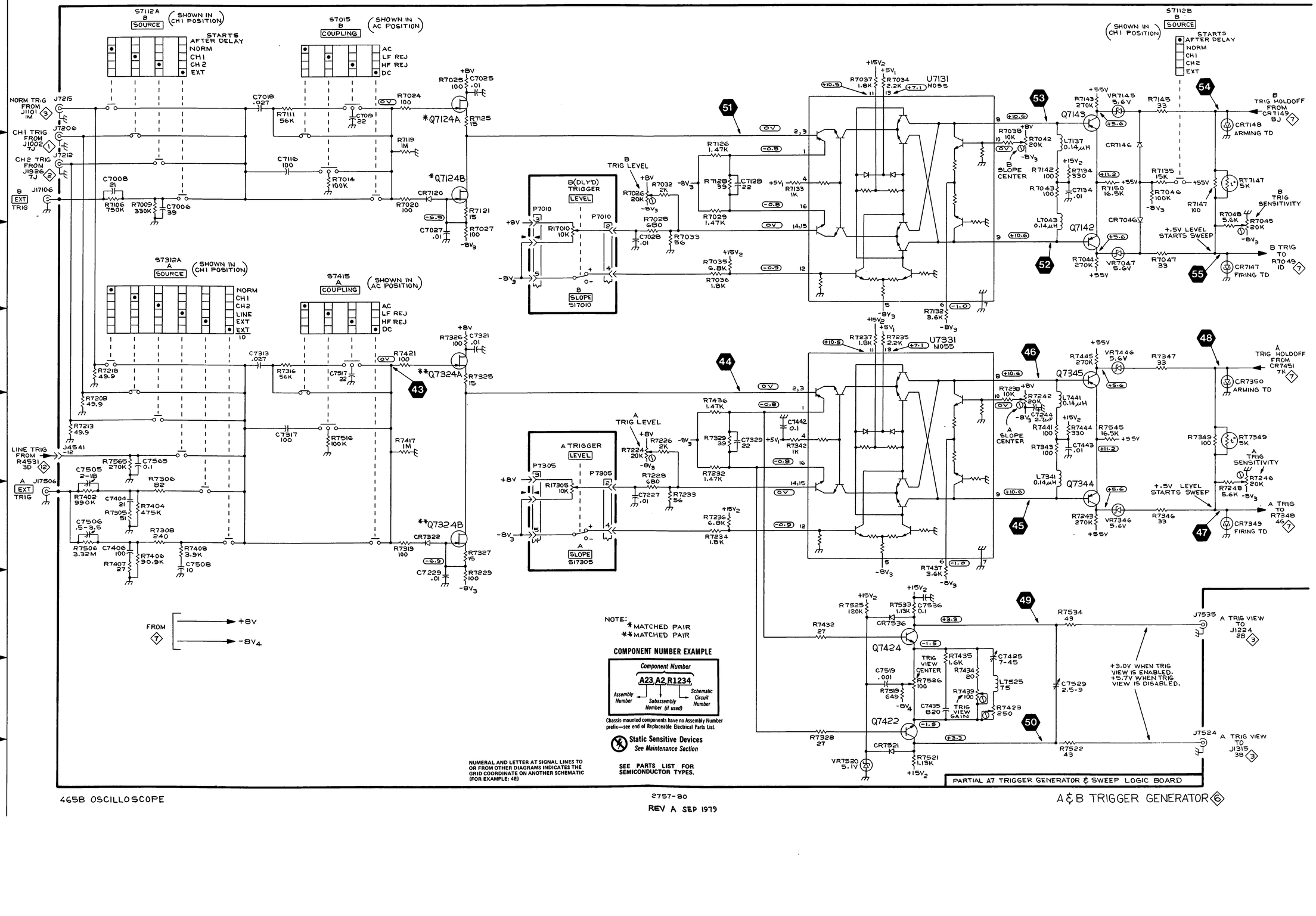
S7112A B SOURCE (SHOWN IN CH1 POSITION)
STARTS AFTER DELAY
NORM
CH1
CH2
EXT
S7015 B COUPLING (SHOWN IN AC POSITION)
AC
LF REJ
HF REJ
DC
NORM TRIG FROM J1101 1M
CH1 TRIG FROM J1002 7J
CH2 TRIG FROM J1936 7J
B EXT TRIG
J7215
J7206
J7212
J1706
C7018 .027
R7111 56K
C7019 22
C7116 100
R7014 100K
C7008 21
R7106 750K
R7009 330K
C7006 39
R7024 100
R7025 100
C7025 .01
*Q7124A
R7125 15
R7119 1M
*Q7124B
CR7120
R7020 100
R7121 15
C7027 .01
R7027 100
+8V
-8V3
B TRIG LEVEL
R7026 20K
R7032 2K
B(DLY'D) TRIGGER LEVEL
P7010
R17010 10K
C7028 .01
R7028 680
R7033 56
B SLOPE S17010
R7126 1.47K
R7128 39
C7128 22
R7029 1.47K
R7133 1K
+15V2
+5V1
R7035 6.8K
R7036 1.8K
R7037 1.8K
R7034 2.2K
U7131 M055
R7132 3.6K
S7112B B SOURCE (SHOWN IN CH1 POSITION)
B TRIG HOLDOFF FROM CR7149 8J
CR7148 ARMING TD
B SLOPE CENTER
R7038 10K
R7042 20K
L7137 0.14µH
Q7143
R7143 270K
VR7145 5.6V
R7145 33
R7142 100
R7134 330
C7134 .01
L7043 0.14µH
Q7142
R7044 270K
VR7047 5.6V
R7047 33
R7135 15K
R7046 100K
R7147 100
RT7147 5K
B TRIG SENSITIVITY
R7048 5.6K
R7045 20K
+.5V LEVEL STARTS SWEEP
CR7147 FIRING TD
B TRIG TO R7049 1D
R7150 16.5K
CR7146
CR7046
S7312A A SOURCE (SHOWN IN CH1 POSITION)
NORM
CH1
CH2
LINE
EXT
EXT 10
S7415 A COUPLING (SHOWN IN AC POSITION)
AC
LF REJ
HF REJ
DC
C7313 .027
R7316 56K
C7517 22
C7317 100
R7516 100K
R7417 1M
R7218 49.9
R7208 49.9
R7213 49.9
LINE TRIG FROM R4531 3D
A EXT TRIG
J1506
J4541
C7505 2-18
R7565 270K
C7565 0.1
R7306 82
R7402 990K
C7404 21
R7404 475K
R7305 51
C7506 .5-3.5
R7506 3.32M
C7406 100
R7406 90.9K
R7407 27
R7308 240
R7408 3.9K
C7508 10
R7319 100
**Q7324B
CR7322
R7327 15
C7229 .01
R7229 100
R7326 100
C7321 .01
**Q7324A
R7325 15
R7421 100
A TRIG LEVEL
A TRIGGER LEVEL
P7305
RI7305 10K
C7227 .01
R7228 680
R7233 56
A SLOPE S17305
R7436 1.47K
R7329 39
C7329 22
C7442 0.1
R7342 1K
R7232 1.47K
R7236 6.8K
R7234 1.8K
R7237 1.8K
R7235 2.2K
U7331 M055
R7437 3.6K
A SLOPE CENTER
R7238 10K
R7242 20K
C7244 2.7µF
L7441 0.14µH
Q7345
R7445 270K
VR7446 5.6V
R7347 33
R7441 100
R7444 330
C7443 .01
L7341 0.14µH
Q7344
R7243 270K
VR7346 5.6V
R7346 33
R7545 16.5K
R7343 100
R7349 100
RT7349 5K
A TRIG SENSITIVITY
R7246 20K
R7248 5.6K
+.5V LEVEL STARTS SWEEP
A TRIG HOLDOFF FROM CR7451 7K
CR7350 ARMING TD
CR7349 FIRING TD
A TRIG TO R7348 4G
R7525 120K
R7533 1.13K
C7536 0.1
CR7536
R7432 27
Q7424
TRIG VIEW CENTER
R7526 100
R7519 649
C7519 .001
R7435 1.6K
R7434 20
C7425 7-45
L7525 75
C7529 2.5-9
R7439 100
TRIG VIEW GAIN
R7423 250
C7435 820
Q7422
R7328 27
CR7521
VR7520 5.1V
R7521 1.13K
R7534 43
R7522 43
+3.0V WHEN TRIG VIEW IS ENABLED. +5.7V WHEN TRIG VIEW IS DISABLED.
J7535
J7524
A TRIG VIEW TO J1224 2B
A TRIG VIEW TO J1315 3B
PARTIAL A7 TRIGGER GENERATOR & SWEEP LOGIC BOARD
FROM 7 +8V -8V4
NOTE: *MATCHED PAIR **MATCHED PAIR
COMPONENT NUMBER EXAMPLE
Component Number
A23,A2,R1234
Assembly Number
Subassembly Number (if used)
Schematic Circuit Number
Chassis-mounted components have no Assembly Number prefix—see end of Replaceable Electrical Parts List.
Static Sensitive Devices
See Maintenance Section
SEE PARTS LIST FOR SEMICONDUCTOR TYPES.
NUMERAL AND LETTER AT SIGNAL LINES TO OR FROM OTHER DIAGRAMS INDICATES THE GRID COORDINATE ON ANOTHER SCHEMATIC (FOR EXAMPLE: 4E)