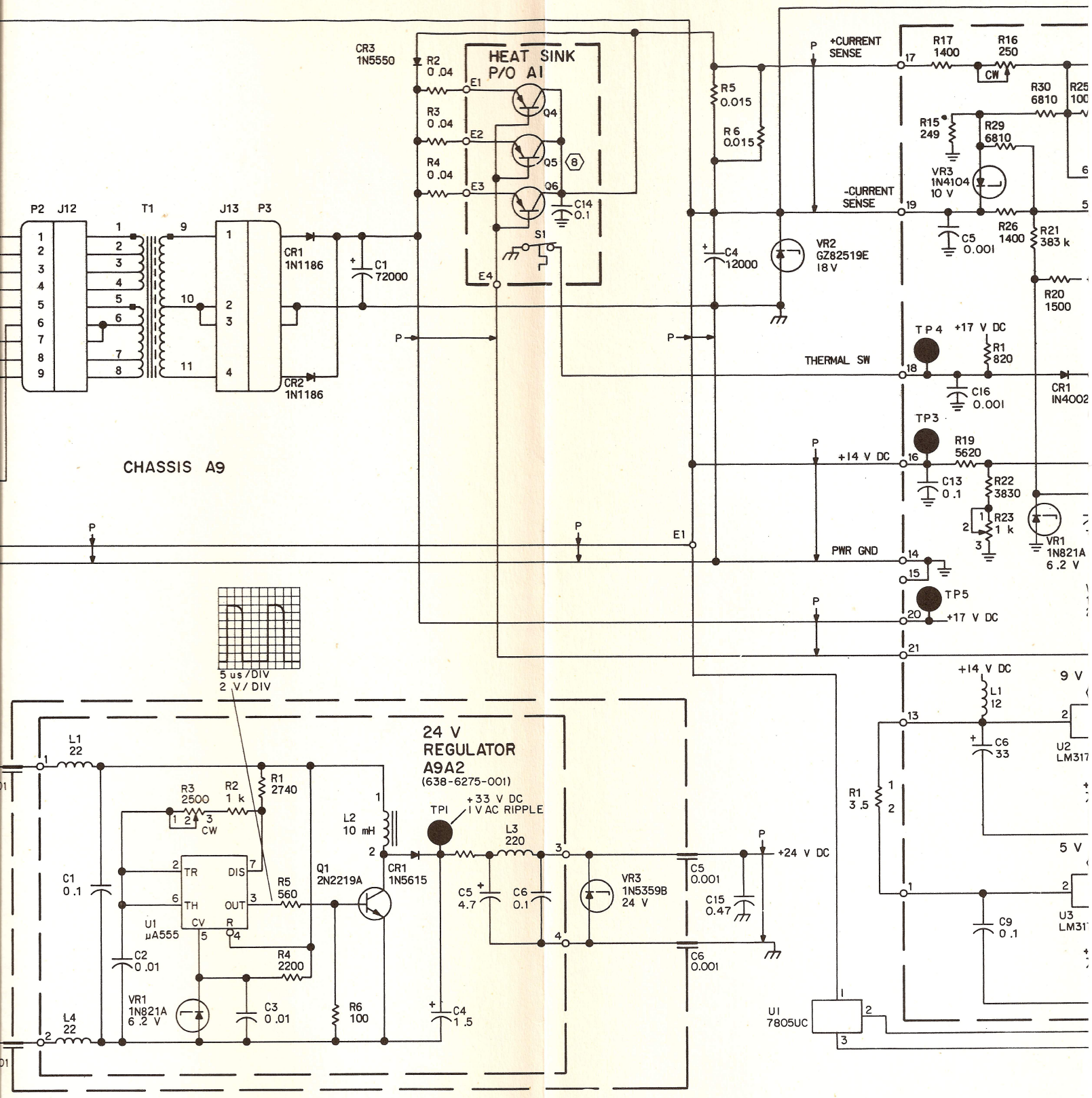
CR3
1N5550
HEAT SINK
P/O A1
R2
0.04
R3
0.04
R4
0.04
E1
E2
E3
E4
Q4
Q5
Q6
C14
0.1
S1
R5
0.015
R6
0.015
P2
J12
T1
J13
P3
CR1
1N1186
CR2
1N1186
C1
72000
C4
12000
VR2
GZ82519E
18 V
+CURRENT
SENSE
-CURRENT
SENSE
R17
1400
R16
250
CW
R30
6810
R15
249
R29
6810
VR3
1N4104
10 V
C5
0.001
R26
1400
R21
383 k
R20
1500
TP4
+17 V DC
R1
820
THERMAL SW
C16
0.001
CR1
IN4002
TP3
R19
5620
+14 V DC
C13
0.1
R22
3830
R23
1 k
VR1
1N821A
6.2 V
PWR GND
TP5
+17 V DC
CHASSIS A9
5 us/DIV
2 V/DIV
24 V
REGULATOR
A9A2
(638-6275-001)
TP1
+33 V DC
1 V AC RIPPLE
L1
22
R3
2500
CW
R2
1 k
R1
2740
L2
10 mH
L3
220
C1
0.1
U1
µA555
TR
DIS
TH
OUT
CV
R
R5
560
Q1
2N2219A
CR1
1N5615
C5
4.7
C6
0.1
VR3
1N5359B
24 V
C5
0.001
C15
0.47
C6
0.001
+24 V DC
C2
0.01
R4
2200
VR1
1N821A
6.2 V
C3
0.01
R6
100
C4
1.5
L4
22
+14 V DC
L1
12
C6
33
U2
LM317
9 V
R1
3.5
5 V
C9
0.1
U3
LM31
U1
7805UC