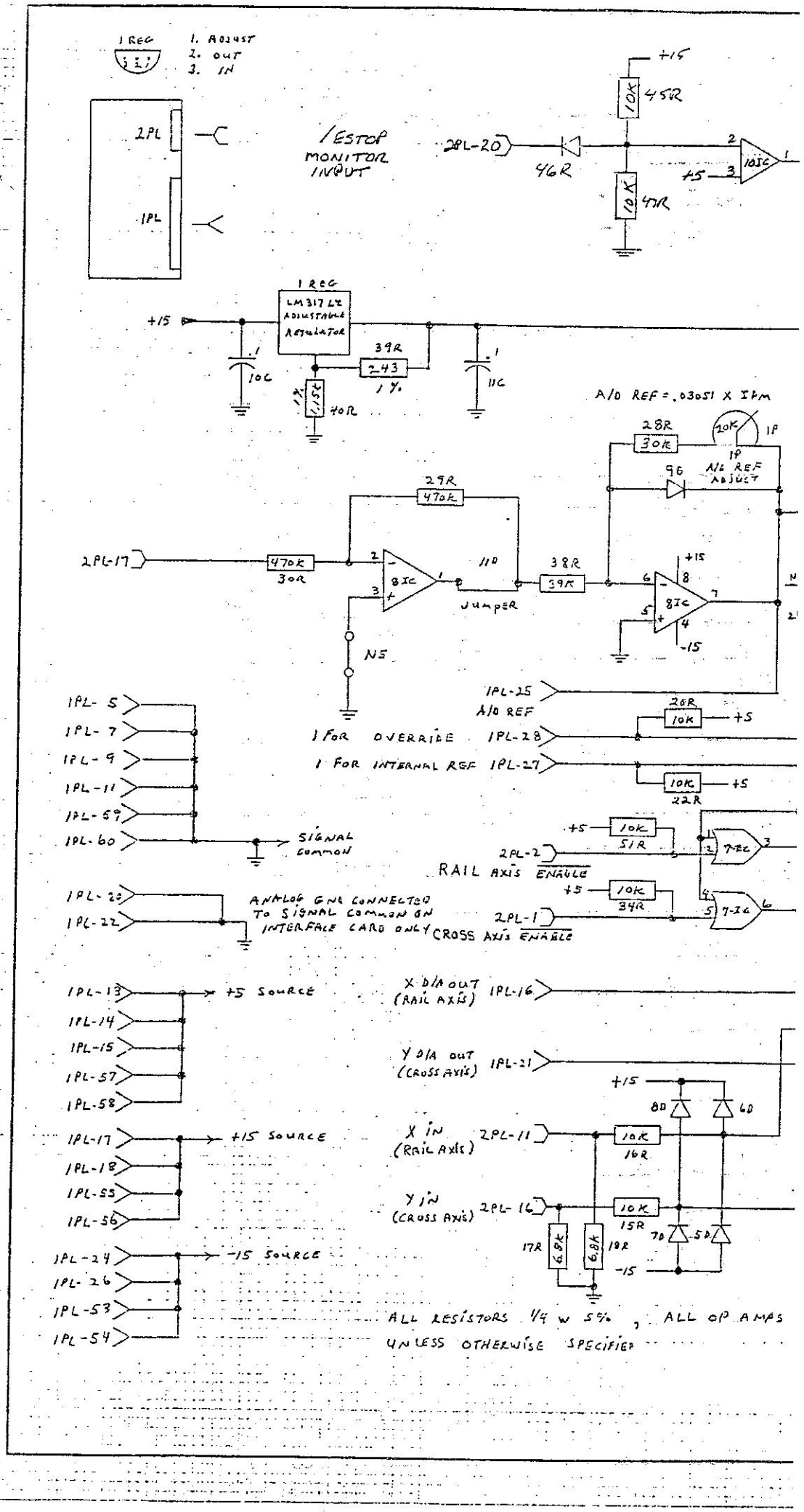
1 REG
1. ADJUST
2. OUT
3. IN
2PL
1PL
/ESTOP MONITOR INPUT
2PL-20
46R
+15
10K
45R
10K
47R
+5
10IC
1 REG
LM317 LZ ADJUSTABLE REGULATOR
+15
.1
10C
39R
243
1%
.1
11C
1.15K
1%
40R
A/D REF = .03051 X IPM
28R
30K
10K
1P
1P
A/D REF ADJUST
9D
29R
470K
2PL-17
470K
30R
8IC
11D
JUMPER
38R
39R
8IC
+15
-15
NS
1PL-25
A/D REF
1PL-5
1PL-7
1PL-9
1PL-11
1PL-59
1PL-60
SIGNAL COMMON
1 FOR OVERRIDE
1PL-28
26R
10K
+5
1 FOR INTERNAL REF
1PL-27
10K
22R
+5
+5
10K
51R
2PL-2
RAIL AXIS ENABLE
7-2C
+5
10K
34R
2PL-1
CROSS AXIS ENABLE
7-1C
1PL-20
1PL-22
ANALOG GND CONNECTED TO SIGNAL COMMON ON INTERFACE CARD ONLY
1PL-13
1PL-14
1PL-15
1PL-57
1PL-58
+5 SOURCE
1PL-17
1PL-18
1PL-55
1PL-56
+15 SOURCE
1PL-24
1PL-26
1PL-53
1PL-54
-15 SOURCE
X D/A OUT (RAIL AXIS)
1PL-16
Y D/A OUT (CROSS AXIS)
1PL-21
+15
8D
6D
X IN (RAIL AXIS)
2PL-11
10K
16R
Y IN (CROSS AXIS)
2PL-16
10K
15R
17R
6.8K
6.8K
18R
7D
5D
-15
ALL RESISTORS 1/4 W 5%, ALL OP AMPS UNLESS OTHERWISE SPECIFIED