



**LAST USED LIST**

| Desig. | LAST USED | LABELS NOT USED  |
|--------|-----------|--|
| A      | 6         |  |
| C      | 95        | 54,60-63,65-67,80-86   |
| D      | 17        | 1-5  |
| H      | 4         |  |
| P      | 8         |  |
| Q      | 13        |  |
| R      | 168       | 73-91,96, 102, 105,108<br>117-119,122, 123,125,131<br>136-141,143- 147 |
| V      | 7         |  |

**CARVIN**  
12340 World Trade Drive  
San Diego, CA 92128  
(858) 487-1600  
FAX 487-6629

**X-AMP**  
MODELS: X-50B, X-60, X-100B  
XV-112, XV-212, XT-112

SCH. 84-24104  
DRAWN BY: C. MCEUEN  
APPROVED: \_\_\_\_\_  
PCB NO.: 30-X100-4C  
ASSY. NO.: 80-24104  
REVISED BY: J. KENNEDY

DATE: 20JUL90  
DATE: \_\_\_\_\_  
REV: C  
REV: N  
DATE: 22SEP92

10. FOR X-50B AND X-60 MODELS, DELETE: V4,V7,R109,R112,R113,R116.
  9. ADDED AS SECONDARY.
  8. CAUTION! HIGH VOLTAGE IS USED IN THIS UNIT.
  7. SELECT R127 FOR IDLE CURRENT OF 100mA (50mA FOR X-50B AND X-60).
  6. V4-V7 ARE EL34.
  5. V1-V3 ARE 12AX7A.
  4. ALL TRANSISTORS ARE #175 TYPE (EXCEPT AS NOTED).
  3. ALL OP AMPS ARE 4558 TYPE.
  2. ALL DIODES ARE 1N4003 (EXCEPT AS NOTED).
  1. ALL CAPACITORS IN MICROFARADS (EXCEPT AS NOTED).
- NOTES: UNLESS OTHERWISE SPECIFIED**

