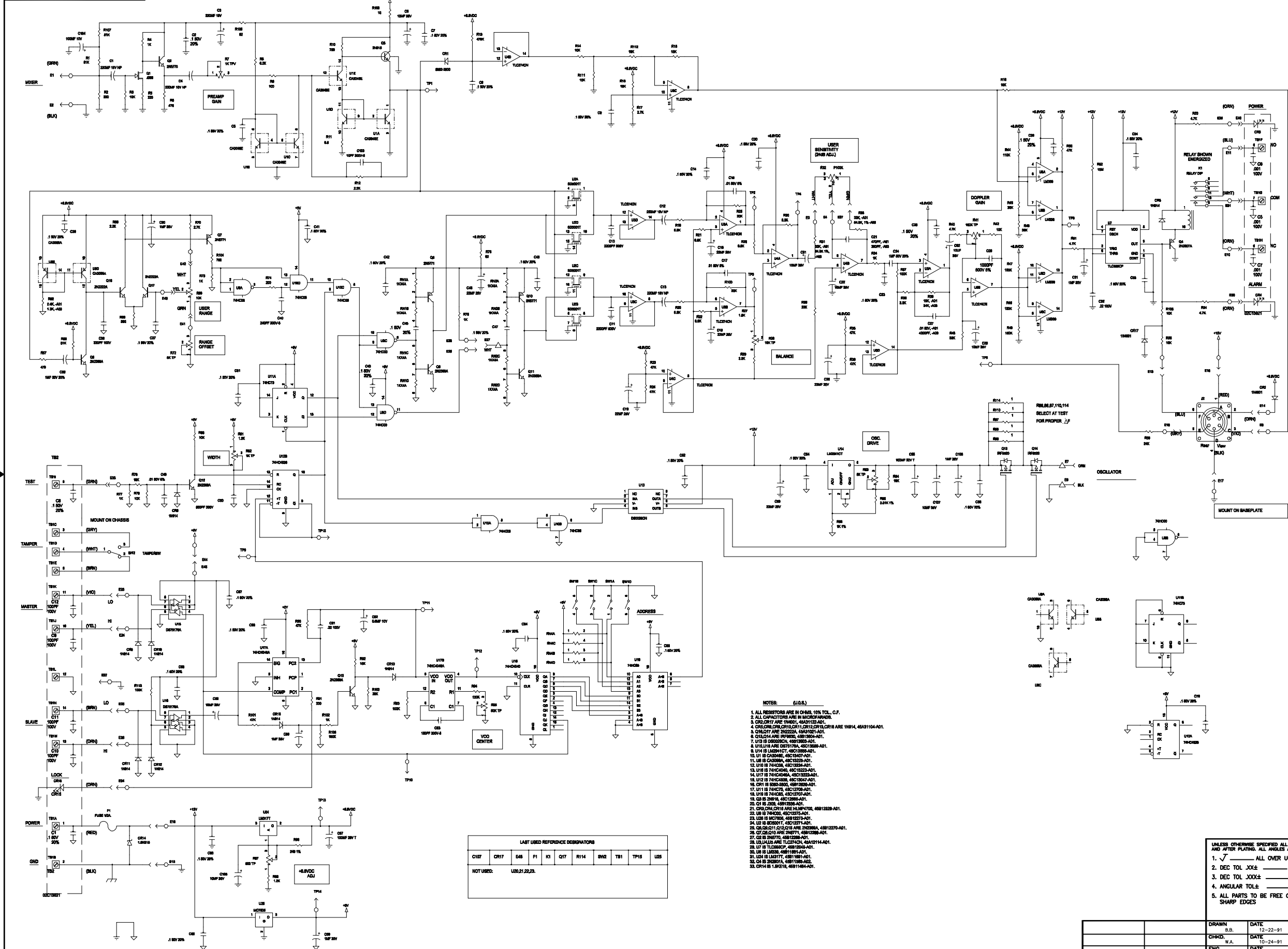




| REVISIONS |     |                   |          |
|-----------|-----|-------------------|----------|
| UTR       | ECN | DESCRIPTION       | DATE     |
| O         |     | REL TO PROD       | 10/25/91 |
| A         |     | INC ECN 2493,2534 | 5/22/92  |
| B         |     | INC ECN 2564      | 4/16/93  |
| C         |     | INC ECN 2735      | 9/16/94  |
| D         |     | INC ECN 2767      | 4/21/95  |
| E         |     | INC ECN 3181      | 7/25/97  |
| F         |     | INC ECN 3238      | 11/7/97  |
| G         |     | INC ECN 2750      | 8/5/98   |
| H         |     | INC ECN 3710      | 2/6/01   |
| J         |     | INC ECN 3754      | 5/18/01  |
| K         |     | INC ECN 3979,3980 | 2/3/03   |
| L         |     | INC ECN 3982      | 3/5/03   |

- NOTES: (U.S.S.)
1. ALL RESISTORS ARE IN OHMS, 1% TOL., C.F.
  2. ALL CAPACITORS ARE IN MICROFARADS.
  3. CR2, CR7 ARE 1W/0.1, 45V/125-AD1.
  4. CR3, CR4, CR5, CR11, CR12, CR13, CR18 ARE 1W/0.1, 45V/104-AD1.
  5. CR6, CR7 ARE 2W/0.2, 45V/102-AD1.
  6. CR8, CR9 ARE 1W/0.1, 45V/102-AD1.
  7. U13 IS 74V00, 45V/102-AD1.
  8. U14 IS 74V00, 45V/102-AD1.
  9. U15 IS 74V00, 45V/102-AD1.
  10. U16 IS 74V00, 45V/102-AD1.
  11. U17 IS 74V00, 45V/102-AD1.
  12. U18 IS 74V00, 45V/102-AD1.
  13. U19 IS 74V00, 45V/102-AD1.
  14. U20 IS 74V00, 45V/102-AD1.
  15. U21 IS 74V00, 45V/102-AD1.
  16. U22 IS 74V00, 45V/102-AD1.
  17. U23 IS 74V00, 45V/102-AD1.
  18. U24 IS 74V00, 45V/102-AD1.
  19. U25 IS 74V00, 45V/102-AD1.
  20. U26 IS 74V00, 45V/102-AD1.
  21. U27 IS 74V00, 45V/102-AD1.
  22. U28 IS 74V00, 45V/102-AD1.
  23. U29 IS 74V00, 45V/102-AD1.
  24. U30 IS 74V00, 45V/102-AD1.
  25. U31 IS 74V00, 45V/102-AD1.
  26. U32 IS 74V00, 45V/102-AD1.
  27. U33 IS 74V00, 45V/102-AD1.
  28. U34 IS 74V00, 45V/102-AD1.
  29. U35 IS 74V00, 45V/102-AD1.
  30. U36 IS 74V00, 45V/102-AD1.
  31. U37 IS 74V00, 45V/102-AD1.
  32. U38 IS 74V00, 45V/102-AD1.
  33. U39 IS 74V00, 45V/102-AD1.

| LAST USED REFERENCE DESIGNATORS |      |     |    |    |     |     |     |     |      |
|---------------------------------|------|-----|----|----|-----|-----|-----|-----|------|
| CR17                            | CR17 | S48 | PI | K1 | Q17 | R14 | SH2 | TB1 | TP15 |
| U28                             |      |     |    |    |     |     |     |     |      |
| NOT USED: U28,21,22,23.         |      |     |    |    |     |     |     |     |      |

- UNLESS OTHERWISE SPECIFIED ALL DIMS. ARE IN INCHES AND AFTER PLATING. ALL ANGLES ARE DEGREES.
1. ✓ ALL OVER UOS
  2. DEC TOL. JOX±
  3. DEC TOL. JOX±
  4. ANGULAR TOL±
  5. ALL PARTS TO BE FREE OF BURRS AND SHARP EDGES

-A01 SHEM,K-BAND XCVR-385

**Southwest Microwave, Inc.**  
9055 South McKerny Street  
Tempe, Arizona 85284-2946 U.S.A.  
Telephone (480) 783-0201

TITLE  
**SCHEMATIC, K-BAND TRANSCEIVER  
MODEL 385/380**

|       |        |      |          |         |        |
|-------|--------|------|----------|---------|--------|
| DRAWN | B.B.   | DATE | 12-22-91 | APPLIED | FINISH |
| CHKD. | W.A.   | DATE | 10-24-91 |         |        |
| ENG.  | Ed.F.  | DATE | 10-24-91 |         |        |
| MFG.  | F.S.Q. | DATE | 10-24-91 |         |        |

|       |        |          |          |      |   |
|-------|--------|----------|----------|------|---|
| SCALE | NONE   | DWG. NO. | 04D13509 | REV. | L |
| SHEET | 1 OF 1 |          |          |      |   |