

| DESIGNATOR | PART # | DESCRIPTION | TRIM |
|------------|---------------------------|--------------------|------|
| AP1 | 71-501-02 | 500 | |
| C1 | 10A473-01 | .047uF | 50V |
| C2 | 10A331-11 | 330pF | 100V |
| C3 | 10A471-11 | 470pF | 100V |
| C4 | 12R105-50 | 1uF | 50V |
| C5 | 12R227-02 | 220uF | 50V |
| C6 | 12R105-50 | 1uF | 50V |
| C8 | 12R476-35 | 47uF | 35V |
| C9 | 10A102-11 | .001uF | 100V |
| C10 | 10A221-21 | 220pF | 200V |
| C11 | 10A471-11 | 470pF | 100V |
| C12 | 12R105-50 | 1uF | 50V |
| C13 | 12R105-50 | 1uF | 50V |
| C14 | 10A471-11 | 470pF | 100V |
| C15 | 12R227-02 | 220pF | 50V |
| C18 | 10R104-03 | .1uF POLY | 100V |
| C19 | 10R104-03 | .1uF POLY | 100V |
| C20 | 10R104-03 | .1uF POLY | 100V |
| C21 | 10R104-03 | .1uF POLY | 100V |
| C22 | 10A101-21 | 100pF | 200V |
| C23 | 10-332-01 | .0033uF | UL |
| C24 | 10-332-01 | .0033uF | UL |
| C25 | 12-478-52 | 4700uF | 50V |
| C26 | 12-478-52 | 4700uF | 50V |
| C27 | 10A103-11 | .01uF | 100V |
| C28 | 10A103-11 | .01uF | 100V |
| CE9-INSERT | JUMPER WIRE P/N 76-000-XX | | |
| C31 | 10R472-01 | .0047 | 100V |
| C32 | 12R226-50 | 22uF | 50V |
| D1 | 21A146-01 | 1N746A | 3.3V |
| D2 | 21A146-01 | 1N746A | 3.3V |
| D3 | 21A145-01 | 1N4745A | 16V |
| D4 | 21A914-01 | 1N914 | 100V |
| D5 | 21A914-01 | 1N914 | 100V |
| D6 | 21A914-01 | 1N914 | 100V |
| D7 | 21A914-01 | 1N914 | 100V |
| D8 | 21A914-01 | 1N914 | 100V |
| D9 | 21A402-01 | 1N4002 | 100V |
| D10 | 21A914-01 | 1N914 | 100V |
| D11 | 21A914-01 | 1N914 | 100V |
| D12 | 21A914-01 | 1N914 | 100V |
| D13 | 21A914-01 | 1N914 | 100V |
| D14 | 21A914-01 | 1N914 | 100V |
| D15 | 21-752-01 | G1_752 | 100V |
| D16 | 21-752-01 | G1_752 | 100V |
| D17 | 21-752-01 | G1_752 | 100V |
| D18 | 21-752-01 | G1_752 | 100V |
| FC1 | 23-926-02 | UNIVERSAL FUSECLIP | |
| FC2 | 23-926-02 | UNIVERSAL FUSECLIP | |
| DPTJ1 | 17-309-02 | CONN | LOCK |
| J1 | 17-309-05 | CONN | LOCK |
| J2 | 39-118-01 | T/R/S | JACK |
| J3 | NOT USED | | |
| J4 | 39-118-01 | T/R/S | JACK |
| J5 | NOT USED | | |
| J6 | 17-836-01 | TAB | |
| J7 | 17-836-01 | TAB | |
| J8 | 17-836-01 | TAB | |
| J9 | 17-836-01 | TAB | |
| J10 | 17-836-01 | TAB | |
| J11 | 17-836-01 | TAB | |
| J12 | 17-836-01 | TAB | |
| J15 | NOT USED | | |
| J16 | 17-836-01 | TAB | |
| J17 | 17-836-01 | TAB | |
| J18 | 17-836-01 | TAB | |
| J19 | 17-836-01 | TAB | |
| J20 | 17-836-01 | TAB | |
| J21 | 17-836-01 | TAB | |
| J22 | 17-836-01 | TAB | |
| J23 | 17-836-01 | TAB | |
| J24 | 17-836-01 | TAB | |
| J25 | 17-836-01 | TAB | |
| J26 | 17-836-01 | TAB | |
| L1 | 94-141-01 | .5uH | |
| DC1 | 66-100-01 | VTL5C7 | DPTO |

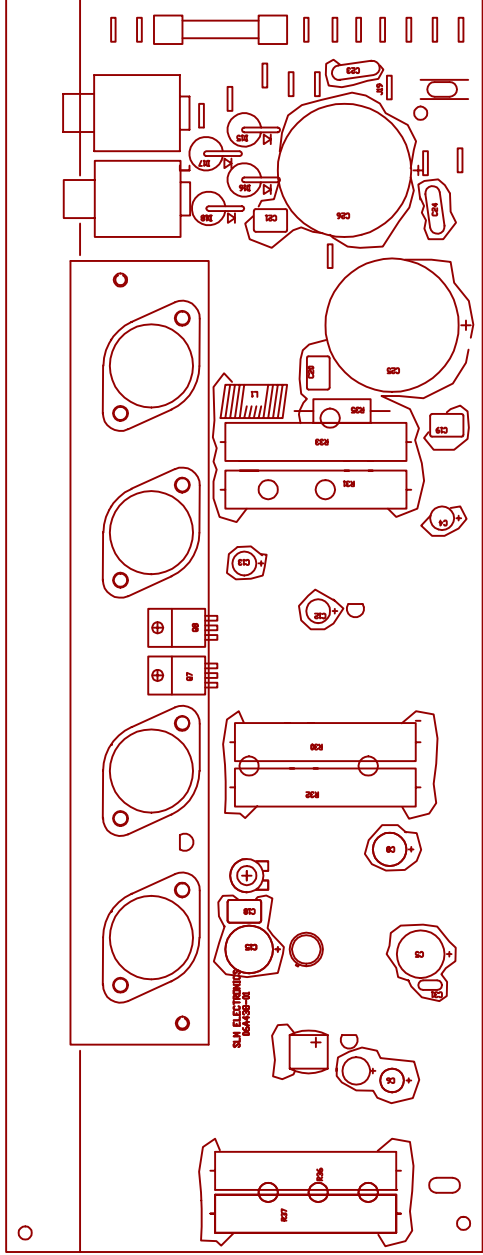
| DESIGNATOR | PART # | DESCRIPTION | 1/2W |
|------------|-----------|-------------|------|
| Q1 | 96R587-01 | 2N5087 | |
| Q2 | 96R587-01 | 2N5087 | |
| Q3 | 96R006-01 | MPSA06 | |
| Q4 | 96-340-01 | 2N3440 | |
| Q5 | 96R510-01 | 2N5210 | |
| Q6 | 96R587-01 | 2N5087 | |
| Q7 | 96-031-03 | TIP-31C | |
| Q8 | 96-032-03 | TIP-32C | |
| Q9 | 96-101-01 | MJ15001 | |
| Q10 | 96-102-01 | MJ15002 | |
| Q11 | 96-101-01 | MJ15001 | |
| Q12 | 96-102-01 | MJ15002 | |
| R1 | NOT USED | | |
| R2 | 76-153-01 | 15K | |
| R3 | 76-273-01 | 27K | |
| R4 | 76-102-01 | 1K | |
| R5 | 77-272-01 | 2.7K | |
| R6 | 76-471-01 | 4.7K | |
| R7 | 76-471-01 | 4.7K | |
| R8 | 76-471-01 | 4.7K | |
| R9 | 76-473-01 | 47K | |
| R10 | 76-471-01 | 47K | |
| R11 | 76-220-01 | 22 | |
| R12 | 77-152-01 | 1.5K | |
| R13 | 77-152-01 | 1.5K | |
| R14 | 76-182-01 | 1.8K | |
| R15 | 76-681-01 | 680 | |
| R16 | 76-101-01 | 100 | |
| R17 | 76-100-01 | 10 | |
| R18 | 76-100-01 | 10 | |
| R19 | 76-182-01 | 1.8K | |
| R20 | 76-182-01 | 1.8K | |
| R21 | 76-220-01 | 22 | |
| R22 | 77-472-01 | 4.7K | |
| R23 | 76-333-01 | 33K | |
| R24 | 76-271-01 | 270 | |
| R27 | 77-472-01 | 4.7K | |
| R29 | 76-333-01 | 33K | |
| R30 | 78-330-10 | 0.33 | |
| R31 | 78-330-10 | 0.33 | |
| R32 | 78-330-10 | 0.33 | |
| R33 | 78-330-10 | 0.33 | |
| R34 | 78-033-01 | 3.3 | |
| R35 | 78-100-01 | 10 | |
| R36 | 78-331-10 | 330 | |
| R37 | 78-331-10 | 330 | |
| R38 | 77-101-01 | 100 | |
| R39 | 76-472-01 | 4.7K | |
| R40 | 76-821-01 | 820 | |
| R41 | 77-332-01 | 3.3K | |
| R42 | 77-332-01 | 3.3K | |

| DESIGNATOR | PART # | DESCRIPTION | 1/2W |
|------------|-----------|-------------|------|
| R43 | 76-821-01 | 820 | |
| R48 | 77-822-01 | 8.2K | 1/2W |
| R49 | 77-822-01 | 8.2K | 1/2W |
| R52 | 76-331-01 | 330 | |
| JW1-15 | 76-000-XX | JUMPER | |
| JW18-22 | 76-000-XX | JUMPER | |
| JW16&17 | 76-000-05 | JUMPER | |

NOTE: JW 1-15, 18-20 SEE SYSTEM BDM FOR PROPER DASH #
JW16, 17 MUST BE -05.

| DESIGNATOR | PART # | DESCRIPTION | 1/2W |
|---------------|-------------------|-------------|------|
| 30-408-52 | 4-40X1/2PPH M/S | | 2 |
| 30-442-52 | 4-40AF HEX NUT | | 2 |
| 30-650-53 | 6-32X1/2PPH M/S | | 10 |
| 30-700-01 | 6-32 HEX NUT | | 10 |
| MISCELLANEOUS | | | |
| 33-126-03 | GX-210P HEATSINK | | 1 |
| 33-601-01 | CLIP-DN HEATSINK | | 1 |
| 35-003-02 | BG90005 INSULATOR | | 4 |
| 35-043-01 | NYLON BUSHING | | 2 |
| 35-579-01 | BG90058 INSULATOR | | 2 |
| 23-305-01 | 5A 3AG 250V FUSE | | 1 |
| 06A438-01 | PC BOARD | | 1 |

| REV | DATE | BY | CHK'D | DESCRIPTION |
|-----|------|-----|-------|---------------------------------|
| 1 | | REM | TEK | C10 FROM 10A101-21 TO 10A221-11 |
| 0 | | | | ORIGINAL ISSUE |



GOOP PARTS INDICATED AS SHOWN PER STANDARD PRACTICE.

SEE SHT 1 FOR REV HISTORY!

| | | |
|------------------|---------|--|
| SIGNATURES: | DATE: | 11880 BORMAN DR. ST. LOUIS, MISSOURI 63146 |
| DRAWN: RLB | 1-13-99 | |
| CHK'D: | | |
| APP'D: | | PROJECT NAME: KX220a |
| ORIGINAL ISSUED: | | DRAWING NAME: GOOPED PARTS DWG |
| PLOT DATE: | | DRAWING NO. 07P438-05 |
| PLOT TIME: | | REV. - |
| FILE NAME: | | SCALE: 1:1 SHEET: 2 OF 2 |