EXT RCVR

EXT ANT

MAIN ANT.

REFL

FWD

REAR SW. BOARD

DRIVE CONTROL

ALC

LINEAR ALC

20 MHZ

REL PWR

PA OUTPUT

POWER AMP.

TX 1.8-30 MHZ

13.6V HI CURRENT

13.6T SW

ALC ATT

DC PWR SW

13.6V REG

REAR PANEL BD.

RV75 INPUT

RV75 ENABLE

RIT CONTROL LINE

PS AC PWR SW

FAN

LINEAR RELAY

SIDETONE AUDIO

RF GAIN 10K

AUDIO GAIN 3K

BFO

RX 5.645 MHZ

AUDIO/DET.

PHONE PATCH AUDIO OUTPUT

EXT MUTE

ANTI VOX AUDIO

PREDRIVER

TX 1.8-30 MHZ

RX 1.8-30 MHZ

TX/RX MIXER

RX 5.645 MHZ

IF SW. BD.

IF SELECT.

RX/TX 5.645 MHZ

AGC

TX 5.645 MHZ

IF/AGC

METER

+ METER SW

OFF

SLOW

MED

F M S

AGC SW

CW TX 5.645 MHZ

10V CW TUNE

BFO

AUDIO OUTPUT

10V KEYED CW TUNE

10V LSB

10V USB

10V TO AGC SW

FRONT END BPF BD.

TX 1.8-30 MHZ

NB ENABLE

10V CW TUNE

INJECTION

HEADPHONES

S METER

13.6V

NO 53

10R AUX.

ALC METER

SPEAKER

FRONT PANEL SW. BD.

5V DISPLAY BD

USB CW LSB LOCK KEY

MODE SW

10V TO MODE SW

10V TUNE

10V CW

10V USB

10V LSB

5V TW/TUNE

INJECTION LPF BD.

REED CONTROL 13R

XTAL OSC.

XTAL OSC OUT

PREMIX INJ. FILTER

10V TO PTO

PTO IN

RIT BD.

RIT CONTROL LINE

PTO

RIT SW

DIGITAL DISPLAY

5V MODE SW

13.6V SW

PHONE PATCH AUDIO INPUT

ANTI VOX GAIN CONTROL

VOX GAIN 10K

VOX ENABLE

VOX DELAY

QSK

3M

KEY LINE

TX. EXCITER VOX

MIC GAIN 10K

1.5K

10K CW GAIN

MIC AUDIO

MIC

PTT

SIDETONE CONTROL

DSB 5.645

NOTES: ALL BAND SWITCHES SHOWN IN THE 1.5 BAND POSITION.
ALL CAPACITORS MARKED 1.0 TO 3000 ARE IN PICOFARAD AND CAPACITORS FROM .0047 TO .47 ARE IN MICROFARAD UNLESS OTHERWISE NOTED.
ALL RESISTORS ARE 1/4 WATT UNLESS OTHERWISE NOTED.
13.6R = 13.6V IN RECEIVE
13.6T = 13.6V IN TRANSMIT
10R = 10V IN RECEIVE
10T = 10V IN TRANSMIT

SCHEMATIC DIAGRAM 18821076