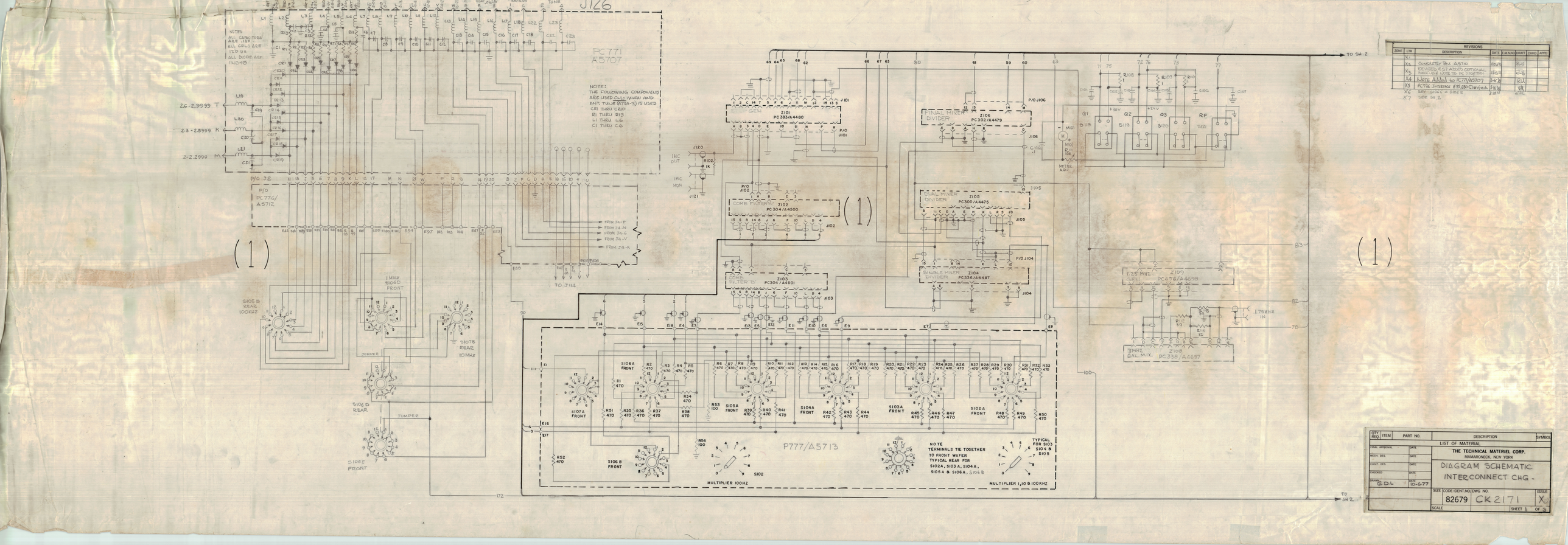
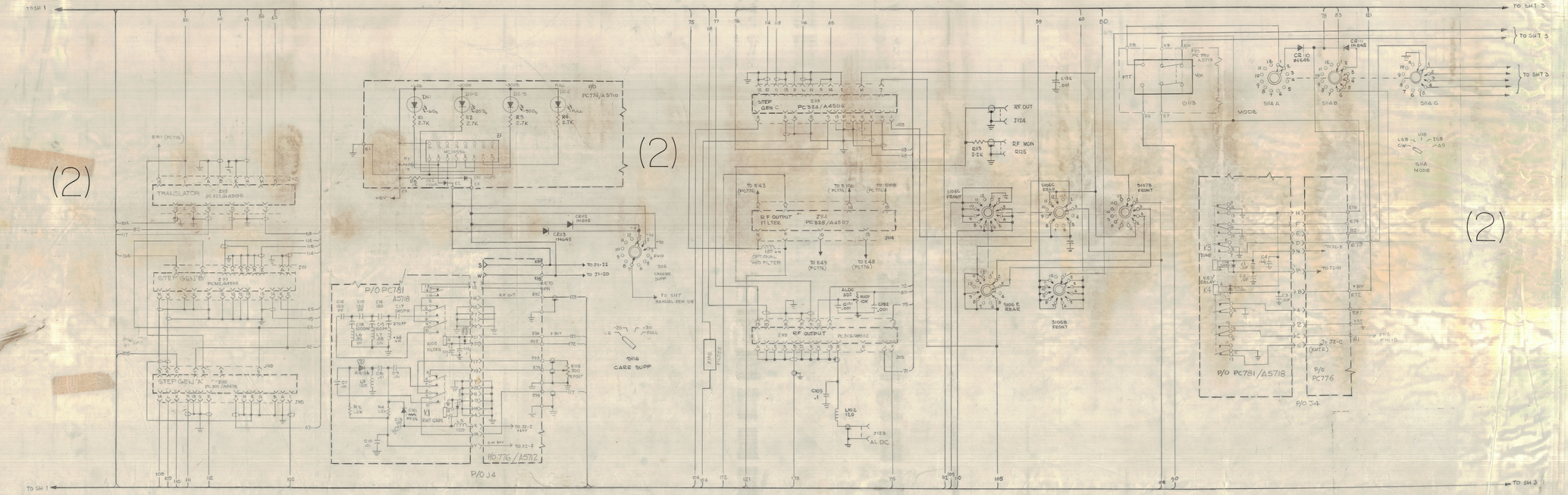

J126
PC771
A5707
NOTES:
ALL CAPACITORS ARE .1UF
ALL COILS ARE 1.2U UH
ALL DIODE ARE 1N345
NOTE:
THE FOLLOWING COMPONENTS ARE USED ONLY WHEN ANT. TUNE (ATSA-3) IS USED
CR1 THRU CR20
R1 THRU R13
L1 THRU L6
C1 THRU C6
2.6-2.9999 T
2.3-2.5999 K
2-2.2999 M
P/O J2
P/O PC776/ A5712
FROM J4-P
FROM J4-N
FROM J4-6
FROM J4-V
FROM J4-K
TO J114
(1)
1MHZ S106D FRONT
S106B REAR 100KHZ
S106D REAR
10MHZ
S106E FRONT
JUMPER
S107B REAR
S106 D REAR
S106E FRONT
P777/A5713
S107A FRONT
S106A FRONT
S105A FRONT
S104A FRONT
S103A FRONT
S102A FRONT
S106 B FRONT
S102
MULTIPLIER 100HZ
MULTIPLIER 1,10 & 100KHZ
TYPICAL FOR S103 S104 & S105
NOTE TERMINALS TIE TOGETHER TO FRONT WAFER TYPICAL REAR FOR S102A, S103A, S104A, S105A & S106A, S106B
J101
Z101 PC383/A4480
P/O J101
J120
IMC OUT
IMC NON
J121
R102 1K
P/O J102
COMB FILTER
Z102 PC304/A4500
J102
FILTER B
Z103 PC304/A4501
J103
FINAL MIXER DIVIDER
Z106 PC302/A4479
P/O J106
J106
C108 .1
M101
R104 10K
METER ADJ
SUMMER DIVIDER
Z105 PC300/A4475
J105
P/O J104
SINGLE MIXER
Z104 PC336/A4487
J104
G1
Q1
S118
Q2
S119
Q3
S120
RF
S121
+36V
+24V
1.25 MHZ
Z109 PC678/A4698
1.75MHZ IN
3MHZ BAL. MIX.
Z108 PC338/A4697
TO J4-Z
TO J4-Z
REVISIONS
ZONE | LTR | DESCRIPTION | DATE | APPD
X1 | | | | |
X2 | COMPLETELY REV. A5710 | 10/69 | |
X3 | REVISED R,S,T ADDED OPTIONAL HOOKUP WIRE TO PC 776/710 | 11/69 | |
X4 | NOTE ADDED TO PC771/A5707 | 3-72 | |
X5 | PC776 INTERFACE E55,E80 CLARIFIED | 5-72 | |
X6 | SEE SHT 2 SHEET 2 | 3-73 | |
X7 | SEE SHT 2 | | |
QTY REQ | ITEM | PART NO. | DESCRIPTION | SYMBOL
LIST OF MATERIAL
THE TECHNICAL MATERIEL CORP.
MAMARONECK, NEW YORK
DIAGRAM SCHEMATIC INTERCONNECT CHG -
FINAL APPROVAL | DATE
MECH. DES. | DATE
ELECT. DES. | DATE
CHECKED | DATE
DRAWN G.D.L | DATE 10-677
SIZE | CODE IDENT. NO. | DWG NO. | ISSUE
82679 | CK2171 | X
SCALE | SHEET 1 OF 3



ZONE	LTR	REVISIONS DESCRIPTION	DATE	M.R.N.O.	APP'D	CHK'D	APP'D
		SEE SHEET ONE FOR ALL UPDATE REVISIONS					
XY		ECO 5-0-0 (Rev'd)	6-8-77				

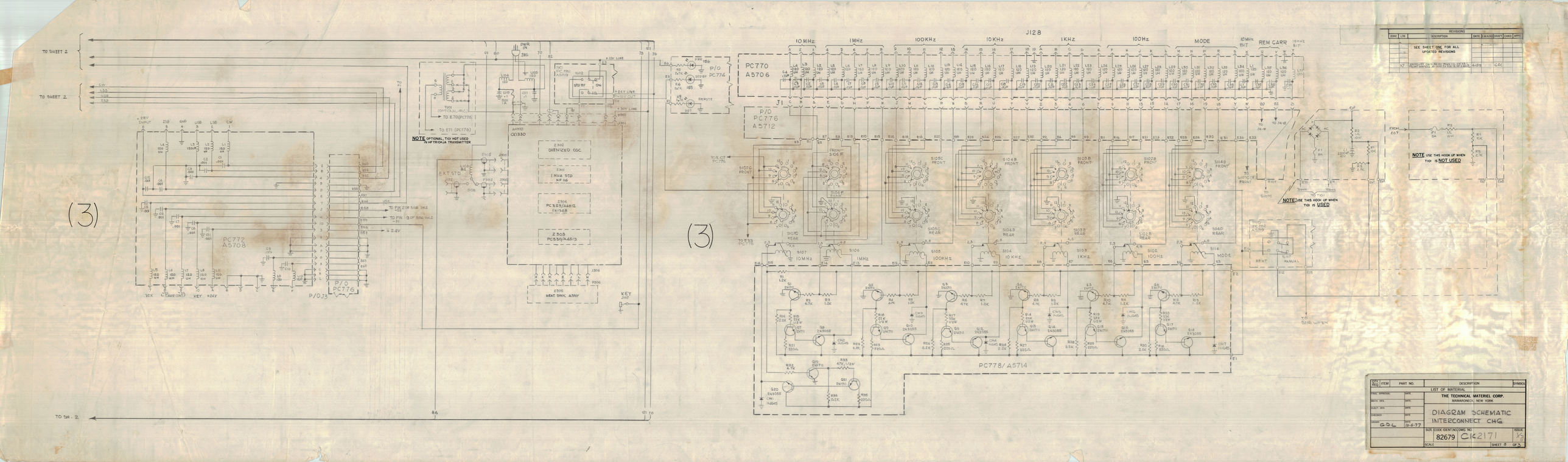
QTY REQ	ITEM	PART NO.	DESCRIPTION	SYMBOL
			LIST OF MATERIAL	

THE TECHNICAL MATERIEL CORP.
MAMARONECK, NEW YORK

SCHEMATIC DIAGRAM
INTERCONNECT CHG

FINAL APPROVAL	DATE
MECH. DES.	DATE
ELECT. DES.	DATE
DRAWER	DATE
CHKD	10-6-77

SIZE | CODE IDENT. NO. | DWG NO. | ISSUE
D | 82679 | CK2171 | X
SCALE | SHEET 2 OF 25


TO SHEET 2
TO SHEET 2
TO SH. 2
(3)
(3)
PC772
A5708
P/O
PC776
P/O J13
KEY +24V
KEY
J107
WEAT SINK A589
Z306
Z305
PC330/A45/3
Z304
PC329/A48/2
Z303
OVENIZED OSC.
Z302
1 MHz STD
NF 116
Z301
EXT STD
A4833
CC1330
P/O
PC774
PC770
A5706
J128
10MHz
1MHz
100KHz
10KHz
1KHz
100Hz
MODE
10MHz BIT
REM CARR
10MHz BIT
J1
P/O
PC776
A5712
S107
10MHz
S106
1MHz
S105
100KHz
S104
10 KHz
S103
1KHz
S102
100Hz
S114
MODE
S117
MANUAL
REMT
PC778/A5714
NOTE OPTIONAL, TIOI NOT USED IN HF TRIO-KIA TRANSMITTER
NOTE USE THIS HOOK UP WHEN TIOI IS NOT USED
NOTE USE THIS HOOK UP WHEN TIOI IS USED
TO TIOI
TO SHEET WIRING
REVISIONS
ZONE | LTR | DESCRIPTION | DATE | APPROVED | DRAFT | CHKD | APPD
SEE SHEET ONE FOR ALL UPDATED REVISIONS
DRAWING ON P.R. NO. PC771/C A5719 CHANGED FROM 1 TO 2 PER E.C.O. A-2-76 | A-2-76 | C.D.L.
QTY REQ | ITEM | PART NO. | DESCRIPTION | SYMBOL
LIST OF MATERIAL
THE TECHNICAL MATERIEL CORP.
MAMARONECK, NEW YORK
DIAGRAM SCHEMATIC
INTERCONNECT CHG
DRWN GDL 9-6-77
SIZE | CODE IDENT NO | DWG NO | ISSUE
82679 C12171
SCALE | SHEET 3 OF 3