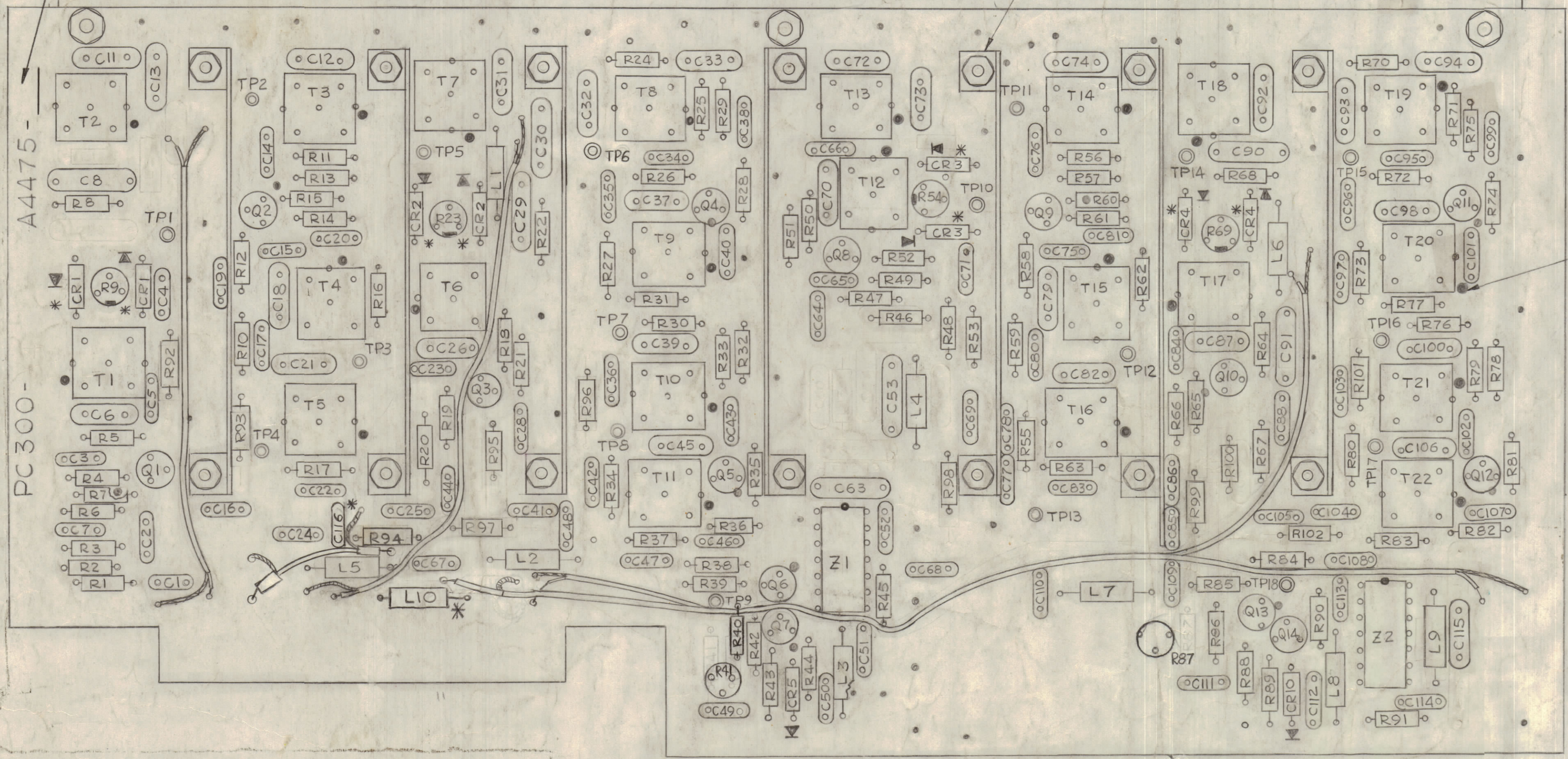


REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD
	X 3	COMPLETELY REVISED & REDRAWN	6-27-67		G.D.L.	
	A	ORIGINAL RELEASE FOR PRODUCTION POLARITY TO Z1 & Z2 RELOCATED POLARITY TO R9, 23, 54 & 69 ADDED	12-29-67	18697	G.D.L.	E.F.H.
	B	RELOCATED R46, ADDED RIO2 & IT, 20 & 21	2-16-68	18771	H.S.	OP
	C	UPDATED & REVISED	9-24-68	19059	H.S.	OP
	D	3 Dnd Holes Added, TP6 RELOCATED	3-27-71	21357	J.H.	
	E	L10, C116 Added	9-12-71	21597	G.D.L.	K.P.
	F	R41 and R87 WERE 10K FIXED RES.	3-12-81	21835	G.D.L.	ON

-1 Must be rubber stamped
When used for an MMX-ZB

11 TYP.



ORIENTATION OF TRANSFORMER
COLOR CODE DOT AS SHOWN

NOTE

* L10, C116 WILL NOT APPEAR FOR AN MMX-ZA SERIES
(COMPONENTS EXIST ON CONNECTOR SIDE (J105).

L10, C116 WILL BE PRESENT FOR AN MMX-ZB SERIES.

A4475

A4475-1

MMX-ZA SERIES

MMX-ZB SERIES

ITEM 18
01, 2, 3, 4, 5, 6, 7, 8, 9, 10,
11, 12, 13, 14

ITEM 17
R9, 23, 54, 69

ITEM 16
R1, 2, 3, 4, 5, 6, 7, 8, 10,
11, 12, 13, 14, 15, 16, 17,
18, 19, 20, 21, 22, 24, 25,
26, 27, 28, 29, 30, 31, 32,
33, 34, 35, 36, 37, 38, 39,
40, 41, 42, 43, 44, 45, 46,
47, 48, 49, 50, 51, 52, 53,
55, 56, 57, 58, 59, 60, 61,
62, 63, 64, 65, 66, 67, 68,
70, 71, 72, 73, 74, 75, 76,
77, 78, 79, 80, 81, 82, 83,
84, 85, 86, 87, 88, 89, 90,
91, 92, 93, 94, 95, 96, 97,
98, 99, 100, 101, 102

T1, 2, 3, 4, 5, 6, 7,
8, 9, 10, 11, 12, 13,
14, 15, 16, 17, 18,
19, 20, 21, 22

L1, 2, 3, 4, 5,
6, 7, 8, 9, 10

C6, 8, 11, 12, 13,
18, 19, 21, 26, 29, 30,
31, 32, 33, 37, 39, 40,
45, 53, 63, 70, 72, 73,
74, 79, 80, 82, 87, 90,
91, 92, 93, 94, 98, 100,
101, 106, 115, 116

ITEM 12
C1, 2, 3, 4, 5, 7, 14, 15, 16, 17, 20,
22, 23, 24, 25, 28, 34, 35, 36, 38,
41, 42, 43, 44, 46, 47, 48, 49, 50,
51, 52, 64, 65, 66, 67, 68, 69, 71,
75, 76, 77, 78, 81, 83, 84, 85, 86,
88, 89, 96, 97, 99, 102, 103, 104,
105, 107, 108, 109, 110, 111, 112,
113, 114

QTY.	REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		X 21	PXB30-18-1	INSULATION, SLEEVING SHRINK	
		X 20	RG188/U	CABLE, RF	
		2	19	SEE NOTE 4	Z1, 2
		14	18	SEE NOTE 4	
		4	17	SEE NOTE 4	
		98	16	SEE NOTE 4	
		22	15	SEE NOTE 4	
		9	14	SEE NOTE 4	
		38	13	SEE NOTE 4	
		64	12	SEE NOTE 4	
		7	11	SEE NOTE 4	
		X 10	BS100	SOLDER, TIN ALLOY	
		14	9	NTH0256BNC	
		14	8	LWED2MRN	
		14	7	SCBP0246BN4	
		1	6	MS6004/LD3094-5	
		3	5	NTH0440BNG	
		3	4	LWED4MRN	
		3	3	FWD4HBN	
		3	2	SCBP0440BN4	
		1	1	PC300	

ASSEMBLY NOTES

1. TO MOUNT COMPONENTS INSERT LEADS THROUGH PLATED-THRU HOLES.
2. CAUTION WHEN APPLYING HEAT AND SOLDER TO LEAD AND FOIL.
3. CLEAN AND INSPECT AS PER SPEC S676.
4. FOR ELECTRICAL COMPONENT PART NUMBERS REFER TO NPL A4475.
5. USE SYMBOL NUMBERS FOR ASSEMBLY REFERENCE.
6. CR1, 2, 3 & 4 CONSIST OF MATCHED PAIRS OF DIODES.

QTY / UNIT	MODEL USED ON	ASSY NO.
1	CHG-(1)4	Z105
2	VOX-7	Z104-Z105
1	MMX-()	Z105
2	LFE-1	Z104-Z105

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	
TOLERANCES ON	
DECIMALS	FRACTIONS
.X ± .05	± 1/64
.XX ± .01	ANGLES
.XXX ± .005	± 0° 30'

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THE TECHNICAL MATERIEL CORP.
MAMARONECK, NEW YORK

ASSY PRINTED CIRCUIT BD
(MIXER, DIVIDER)

SIZE CODE IDENT. NO. DWG NO. ISSUE
D 82679 A4475 F

SCALE SHEET OF