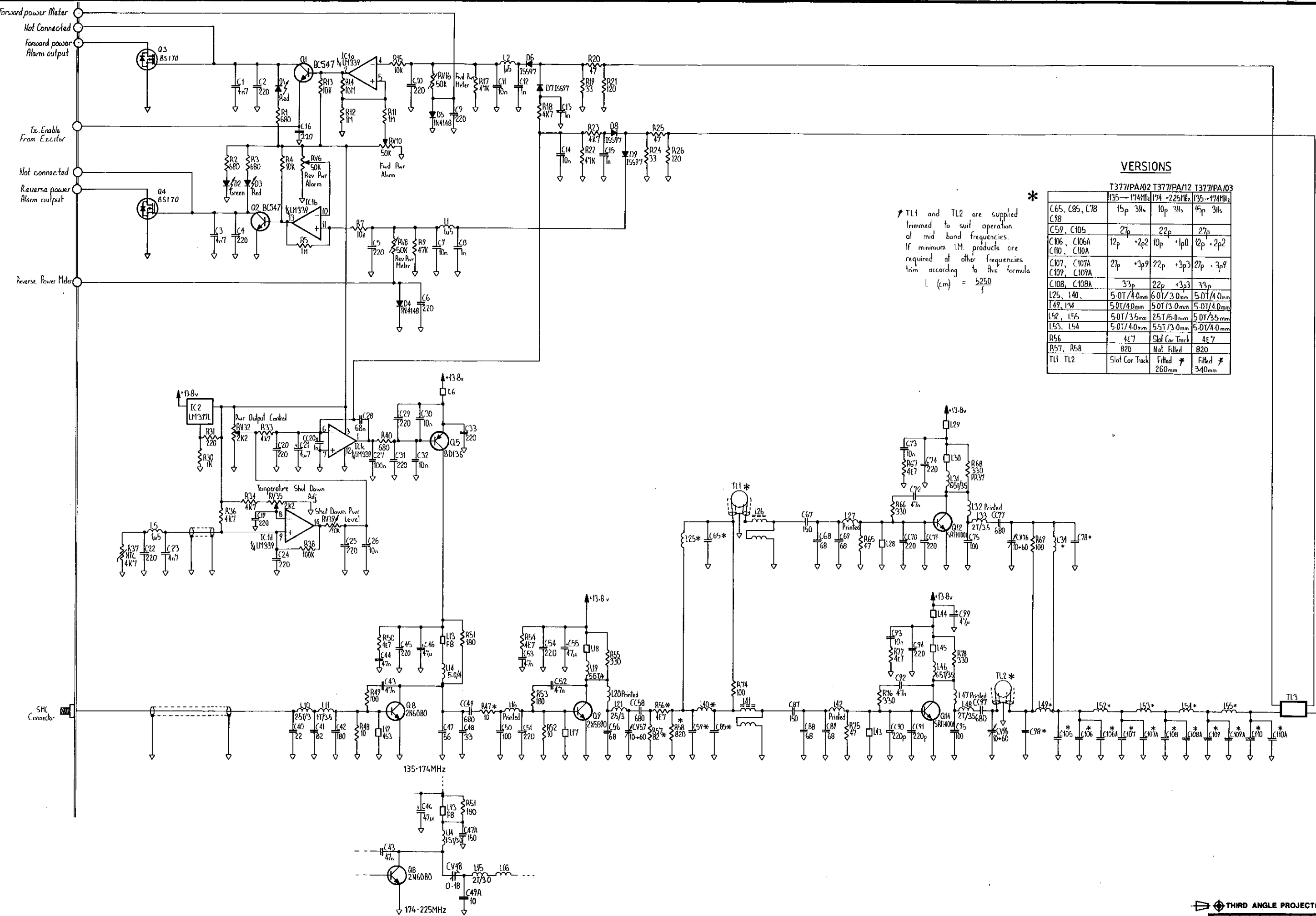


* Dependent on operating frequency (See Chart)

	136-174 MHz	174-225 MHz
C47	8p2	4p7
C48	1p	0p5
D35	BB409	BB405
C54	10p	4p7
R56	1M5	2M2
C64	3-10 pF	1.5-5 pF

○ DC Voltage measured with 10MΩ voltmeter while exciter is in Tx mode.
 □ RF Voltage measured with diode probe while exciter is in Tx mode.
 Voltage tolerances ±20% unless otherwise specified.



VERSIONS

	T377/PA/02	T377/PA/12	T377/PA/03
C65, C85, C78	15p 3Hs	10p 3Hs	15p 3Hs
C88			
C59, C105	27p	22p	27p
C106, C106A	12p +2p2	10p +1p0	12p +2p2
C110, C110A			
C107, C107A	27p +3p9	22p +3p3	27p +3p9
C109, C109A			
C108, C108A	33p	22p +3p3	33p
L25, L40,	5-0T/4.0mm	6-0T/3.0mm	5-0T/4.0mm
L47, L34	5-0T/4.0mm	5-0T/3.0mm	5-0T/4.0mm
L52, L55	5-0T/3.5mm	2.5T/5.0mm	5-0T/3.5mm
L53, L54	5-0T/4.0mm	5-5T/3.0mm	5-0T/4.0mm
R56	4E7	Slot Car Track	4E7
R57, R58	820	Not Filled	820
TL1 TL2	Slot Car Track	Filled * 260mm	Filled * 340mm

* TL1 and TL2 are supplied trimmed to suit operation at mid band frequencies. If minimum I.M. products are required at other frequencies trim according to the formula:
 $L (cm) = \frac{5250}{f}$

CONFIDENTIAL: THIS DOCUMENT IS NOT TO BE COPIED NOR THE CONTENTS PASSED ON TO ANY THIRD PARTY WITHOUT THE CONSENT OF TAIT ELECTRONICS LTD

SCALE: MATERIAL: FINISH: GEN. LIMITS:

REV	CHN	REV/OS	ISSUE	AMENDMENTS	DRN.	CHKD.	APVD.	DATE
1								
2								

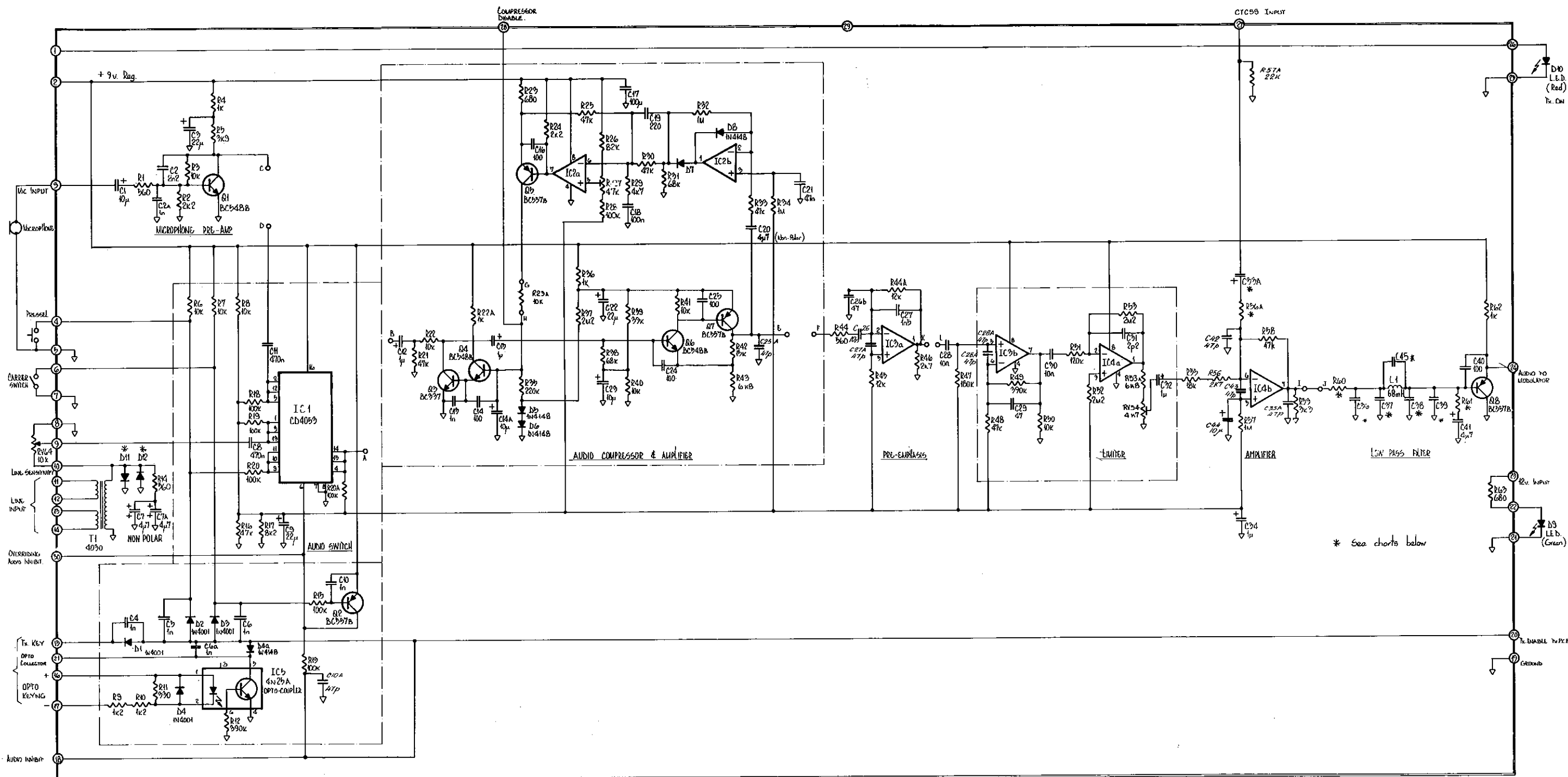
CIRCUIT DIAGRAM-T377/PA/ 135-225MHz

THIRD ANGLE PROJECTION

PCB IPN 22200001100

TAIT ELECTRONICS LTD

DRAWING NUMBER **A1C543** ISSUE **A12122AG**



* See charts below

Model Type	Circuit Description	Linking Details	Filter Components
B35365/02	Mic compressed & pre-emphasised Line pre-emphasised Filter 5.4 KHz low pass	A-F B-C D-E K-L	R56A R60 C36 C37 C45 C48 C49 R61
B35365/01	As above except 5.0KHz low pass filter.	as above	R56A R60 C36 C37 C45 C48 C49 R61

CONFIDENTIAL: THIS DOCUMENT IS NOT TO BE COPIED NOR THE CONTENTS PASSED ON TO ANY THIRD PARTY WITHOUT THE CONSENT OF TAIT ELECTRONICS LTD

SCALE: MATERIAL: FINISH: GEN. LIMITS:

ISSUE	AMENDMENTS	DRN.	CHNG.	APVD.	DATE

CIRCUIT DIAGRAM: B35365/ SYNTHESIZED FM TRANSMITTER AUDIO PROCESSOR PCB ASSEMBLY.

TAIT ELECTRONICS LTD
DRAWING NUMBER A1C549

THIRD ANGLE PROJECTION

USED ON 1217EX