

© TAIT ELECTRONICS
T201X HC05 COMMON CONTROL BOARD

REV: 220-01377-09
DESIGNER: A
DATE: 2. SC. 1
FILE: 137709a
SHEET: 2

3A	ADD 6 CONNECTION POINTS/PINS	RPS		04/09/97	06A	ECO 21 0723	PG	06/10/00	09A	ECO NUMBER 21 1259 VARIANT TAB	BRD	20/05/02
1A	MODS PROTOTYPE DESIGN FOR WANG	SD/RPS		2/8/96	05A	NEW CHMPL. SO ALL NEW GERBERS	TS	08/08/00	08A	ECO 21-0422 CNE TO STD LOGIC BD.	RPS	16/10/01
0A	RELATED AND ADDED OPTION BOARDS	SD		2/7/96	04B	HAD TO RECREATE INF FILES	TS	04/08/00	07A	ADD MICRO MATCH S20,CCO:1377-001		28/05/01
REV/ISS	AMENDMENTS	DRAWN	CHKD	D.O.	APVD	DATE						

A B C D E F G H I J K L M N O P Q R S T U V W

OPTION	Comments	#C529	#C602	#C603	#C701	#C704	#D500	#IC501	#IC512	#Q507	#R505	#R513	#R600
X2L212	No Option Connectors	NF	82P	220P	NF	NF	BAV70	ST93C66 4K	NF	Fitted	150k	NF	2k2
X2L213	Fast PTT Data AFR	NF	10P	120P	NF	NF	BAV70	ST93C66 4K	NF	Fitted	150k	NF	NF
X2L214	Fast PTT	NF	82P	220P	NF	NF	BAV70	ST93C66 4K	NF	Fitted	150k	NF	2k2
X2L215	Fast PTT No Option Connectors No Mic PTT	NF	82P	220P	NF	NF	NF	ST93C66 4K	NF	Fitted	150k	NF	2k2
X2L216	Std	NF	82P	220P	NF	NF	BAV70	ST93C66 4K	NF	Fitted	150k	NF	2k2
X2L219	No Mic PTT	NF	82P	220P	NF	NF	NF	ST93C66 4K	NF	Fitted	150k	NF	2k2
X2L210G	Dual Band	NF	82P	220P	NF	NF	BAV70	ST93C76 8K	NF	Fitted	150k	NF	2k2
X2L210V	Fast PTT Alt Ramp Up for 1w	NF	82P	220P	NF	NF	BAV70	ST93C66 4K	NF	NF	56k	NF	2k2

OPTION	Comments	#R639	#R682	#R711	#R754	#R755	#R756	S13	S14	S15	S20
X2L212	No Option Connectors	2k2	1k8	NF	0J	NF	0J	NF	NF	NF	NF
X2L213	Fast PTT Data AFR	0J	1k8	NF	0J	0J	NF	Fitted	Fitted	Fitted	NF
X2L214	Fast PTT	2k2	1k8	NF	0J	0J	NF	Fitted	Fitted	Fitted	NF
X2L215	Fast PTT No Option Connectors No Mic PTT	2k2	1k8	NF	0J	0J	NF	NF	NF	NF	NF
X2L216	Std	2k2	1k8	NF	0J	NF	0J	Fitted	Fitted	Fitted	NF
X2L219	No Mic PTT	2k2	1k8	NF	0J	NF	0J	Fitted	Fitted	Fitted	NF
X2L210G	Dual Band	2k2	1k5	NF	330E	NF	0J	Fitted	Fitted	Fitted	Fitted
X2L210V	Fast PTT Alt Ramp Up for 1w	2k2	1k8	NF	0J	0J	0J	Fitted	Fitted	Fitted	NF

M1702	Selcall	Module	#IC503	#X502
Not	Fitted	(Std)	NF	NF
	Fitted		Fitted	Fitted

External	Horn	Relay	Driver	#Q518
Not	Fitted	(Std)		NF
	Fitted			Fitted

P1	Serial	Bus	Type	#R572	#R548	#R549
	SPI	(Std)		47K	NF	NF
	I2C			NF	4K7	4K7

BCD	Channel	Select	#R714	#R715
SW V3	00	and above	NF	0J
SW V2	05		0J	NF

Microphone	Type	#R751	#C631	#C730
Dynamic	(Std)	NF	NF	4u7
Electret		1K	100n	NF

Signalling	Level	#R596	#R735	#RV508
Fixed	(Std)	39K	10K	NF
Adjustable		NF	NF	50K



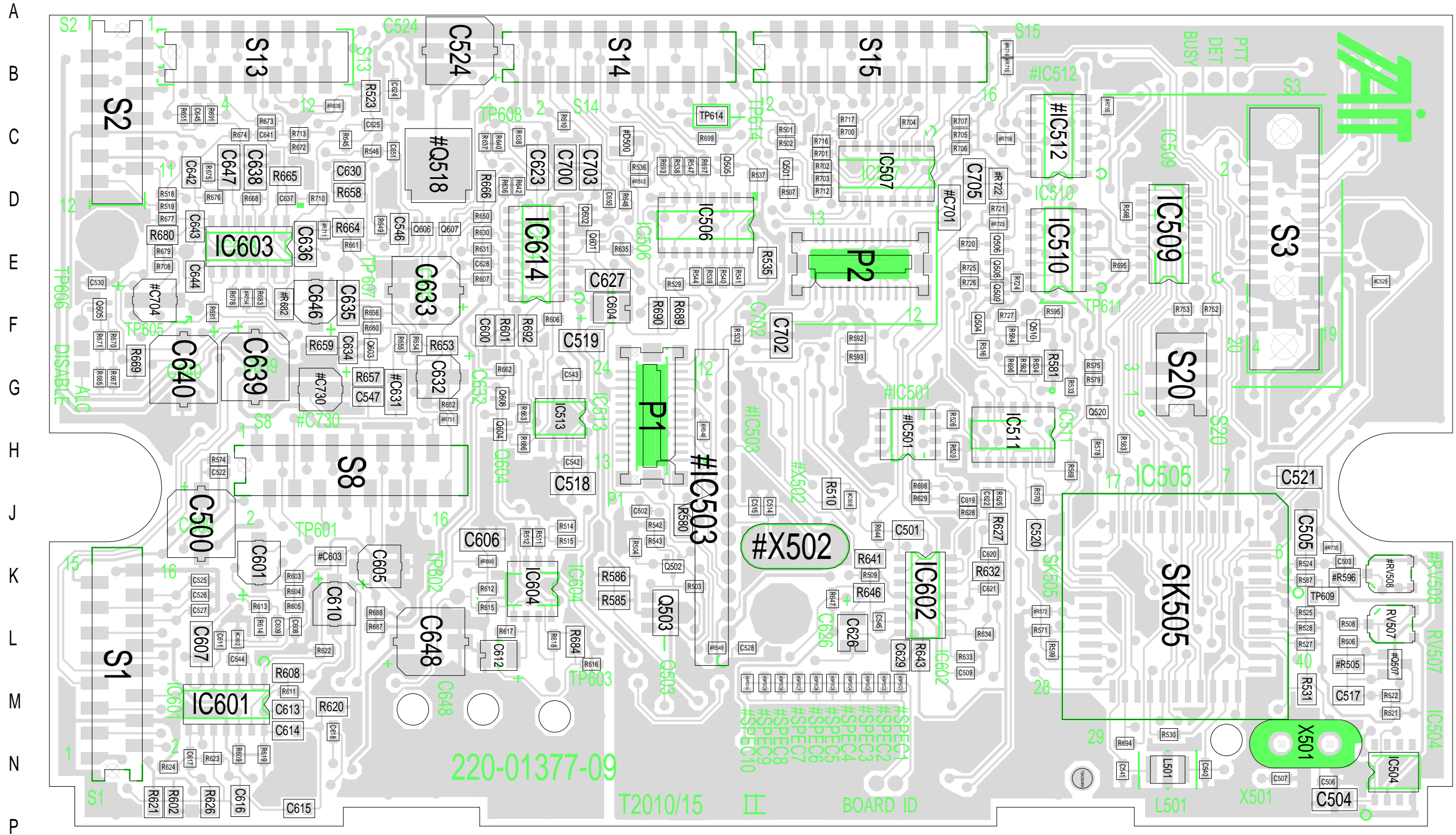
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T201X HC05 COMMON CONTROL BOARD

IPN: **220-01377-09** ISSUE: **A** ID: **2.SC. 2**

PROJECT: CNE->STD DESIGNER: BD. BRD-TS FILE NAME: 137709a FILE DATE: 20-May-02 NO.SHEETS: 2

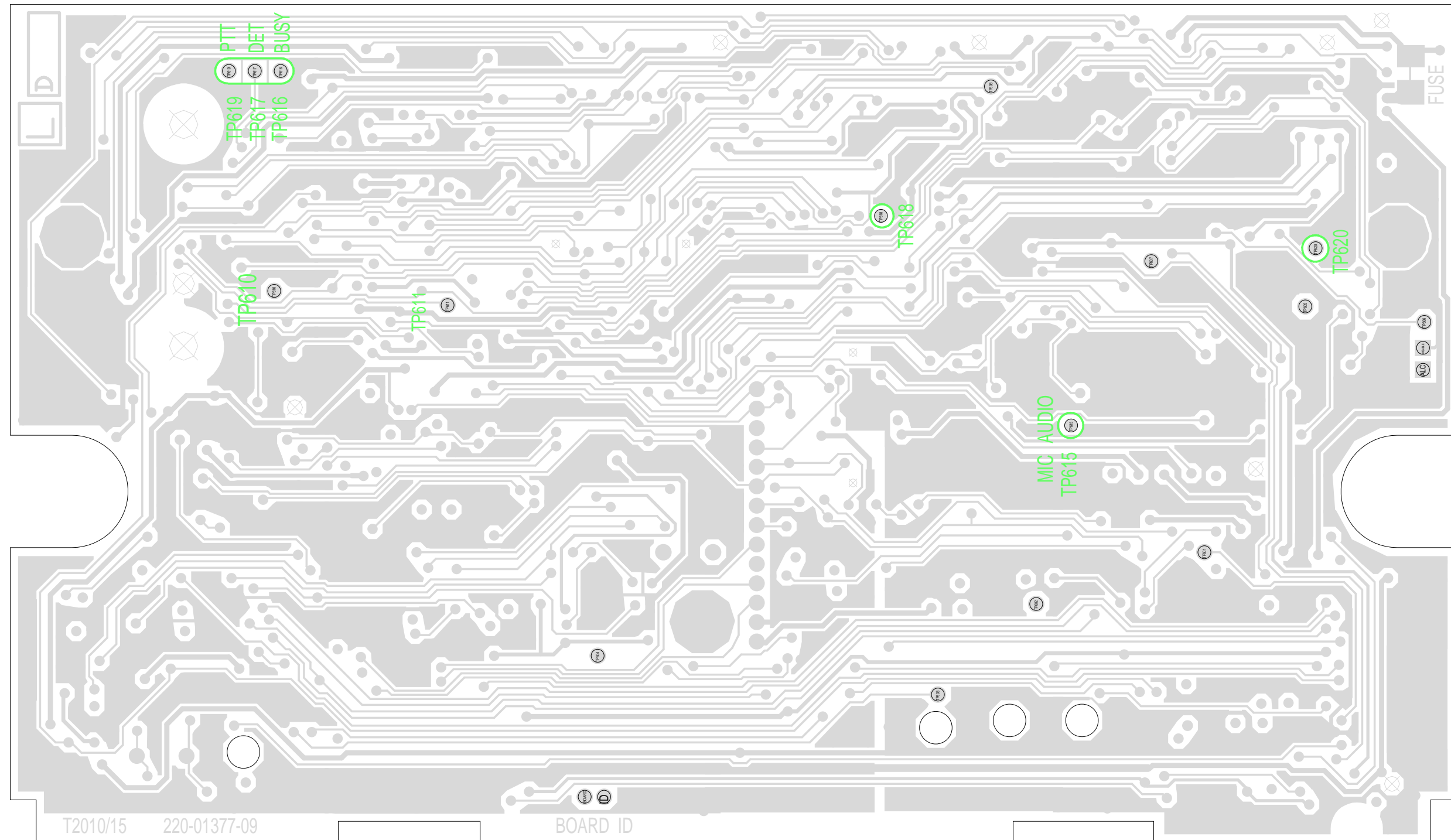
REV/ISS	AMENDMENTS	DRAWN	CHKD	D.O.	APVD	DATE

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23



TAIT ELECTRONICS	IPN: 220-01377-09	ISS: A	ID: 1.TA	DATE: 20 May 2002
T2010/15 PCB LAYOUT - TOP SIDE				

23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1



A
B
C
D
E
F
G
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K
L
M
N
P

T2010/15 220-01377-09

BOARD ID

TAIT ELECTRONICS	IPN: 220-01377-09	ISS: A	ID: 2.BA	DATE: 20 May 2002
T2010/15 PCB LAYOUT - BOTTOM SIDE				

Scale:2.3:1 ; Rotation: 90 degrees