SK1
15 WAY DRANGE SKT

SK2
15 WAY DRANGE SKT

SK3
15 WAY DRANGE SKT

SK4
15 WAY DRANGE SKT

SK5
15 WAY DRANGE SKT

SK6
15 WAY DRANGE SKT

SK7
15 WAY DRANGE SKT

SK11
2X8 TOP ENT PLUG

TX-EX

CH0
CH1
CH2
CH3
CH4
CH5
CH6
DIS-RX
CH7
SERIAL-COMS
TX-AUX0
TX-AUX1
TX-AUX2
LINK1 2 WAY PLUG → FWR-POWER
LINK2 2 WAY PLUG → REV-POWER
LINK6 2 WAY PLUG → CTCSS-DIS
LINK8 2 WAY PLUG → TX-ENABLE

+13V8
TX-LINE1
TX-LINE4
TX-ENABLE
TX-AUDIO
TXAUDIO2
CTCSS
OPTO+ → OPTO+
OPTO- → OPTO-
TX_KEY → TX-KEY
LINK3 2 WAY PLUG → SERIAL-COMS
LINK4 2 WAY PLUG → CTCSS2

RX

CH0
CH1
CH2
CH3
CH4
CH5
CH6
DIS-RX
CTCSS-DIS
CH7
SERIAL-COMS
RX-AUX0 → RX-AUX0
RX-AUX1 → RX-AUX1
RX-AUX2

+13V8
RX-LINE1
RX-LINE4
RSSI
RX_AUDIO
RXAUDIO2
SPEAKER
RELAY-CO
RELAY-NO
LINK7 2 WAY PLUG

LINK5 5 WAY PLUG
4 RX-LINE4
3 RX-LINE1
2 RX-AUD-OP
1 RX-AUDIO
RX-AUDIO
SPEAKER
RX-MUTE
RELAY-CO
RELAY-NO
SERIAL-COMS

SW2 8BANK DIP SW
RX-AUD-OP ↔ RX-AUD-OP-1
TX-LINE1 ↔ TX-LINE1-1
TX-LINE4 ↔ TX-LINE4-1
RX-MUTE ↔ RX-MUTE-1
TX-KEY ↔ TX-KEY-1

TONE-REMOTE

CH0
CH1
CH2
CH3
CH4
CH5
CH6
AUX3
TP
CTCSS-DIS
CH7
SERIAL-COMS
AUX0
AUX1
AUX2

D10 1N4001
+13V8-1
TX-LINE4-1
CTCSS1
RX-AUD-OP-1
TX-LINE1-1
RSSI
ALARM1
ALARM2
ALARM3
REV-POWER
RX-MUTE-1
FWR-POWER
TX-KEY-1
ALARM0
R1 270
R2 270
R3 270

PA

+13V8
FWR-POW-MTR
REV-POW-MTR
FWR-POWER
REV-POWER
TX-ENABLE

LOCAL MONITOR

SPEAKER
TX-AUDIO
RX_AUDIO
RSSI
+13V8

RX-LINE1
RX-MUTE
RX-AUX1
TX-KEY
RX-AUX0
RELAY-CO
RX-LINE4
RELAY-NO
TX-LINE1
DIS-RX
TX-AUX0
TX-AUX1
OPTO+
TX-LINE4
OPTO-
RSSI
FWR-POWER
SPEAKER
REV-POW-MTR
CTCSS1
FWR-POW-MTR
REV-POWER
+13V8
D4 1N4001
0A9
FS1

PL1
25 WAY DRANGE PLUG

SW1 8BANK DIP SW
CH0
CH1
CH2
CH3
CH4
CH5
CH6
CH7

CTCSS2
CTCSS1
CW
RV1 10K

CTCSS-DIS
SERIAL-COMS
RX-AUD-OP
D7 1N4001
+13V8-1
GND

SK9
2X8 TOP ENT PLUG

D8 1N4001
+13V8-1

SK10
2X8 TOP ENT PLUG

RX-AUD-OP-1
TX-LINE1-1
TX-LINE4-1
ALARM0
ALARM1
ALARM2
ALARM3
+13V8
D9 1N4001
+13V8-1
PTT
TX-KEY-1
AUX3
AUX2
AUX1
AUX0
RX-MUTE-1
D1 1N4001

SK8
25 WAY DRANGE SKT

TX-ENABLE
R4 10K
Q1 BC327
R5 1K0
D2 1N4001
CN1 2 WAY TERM BLK
RELAY CO-AXIAL

DIS-RX
LINK9 2 WAY PLUG
R6 1K0
R7 1K0
R8 1K0
Q2 BC337

LINK10 3 WAY PLUG
Q3 BC337
R9 1K0
D3 1N4001
CN2 2 WAY TERM BLK
PA FAN

SERIAL-COMS
SER-COMS
D5 5V6
D6 1N4001
R10 10
CN3 2 WAY TERM BLK
SERIAL COMS

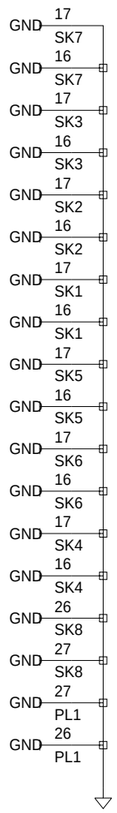
REV/ISS	AMENDMENTS	DRAWN	CHKD	D.O.	APVD	DATE
06A	UPDATE AS PER ECO NO 76 0208	SSAHI				13/03/01
05A	MINOR UPDATE AS PER ECO 730967	SSAHI				18/12/00
04A	ADDED SK9 AND SK10	SSAHI				29/5/00
03A	ADDED PL1, CN1, CN2, CN3 +	CM				28/5/99
02A	ADDED SW1, LINK7	RBM				17/12/98
01A	UPDATED	MAJ				
00A	ORIGINAL	MAJ				25-3-98

© TAIT ELECTRONICS

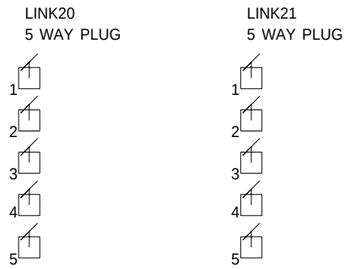
T803 TONE-REMOTE 3 BIN BACKPLANE

IPN:	ISSUE:	ID:
220-01449-06	A	2.SC. 1

PROJECT:	DESIGNER:	FILE NAME:	FILE DATE:	NO.SHEETS:
T800	SSAHI	1449_06a	13-Mar-01	2



LINK STORAGE



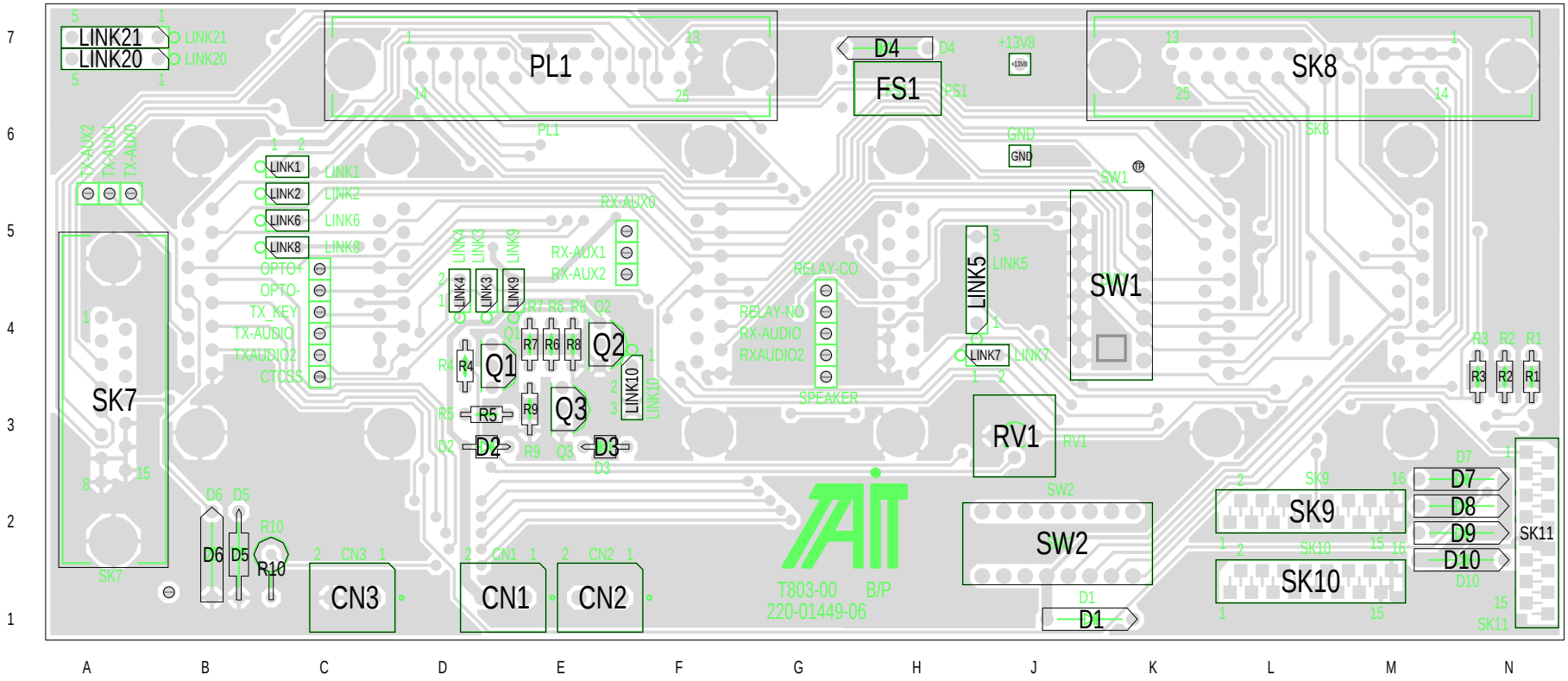
REV/ISS	AMENDMENTS	DRAWN	CHKD	D.O.	APVD	DATE
06A	UPDATE AS PER ECO NO 76 0208	SSAHI				13/03/01
05A	MIMOR UPDATE AS PER ECO 730967	SSAHI				18/12/00
04A	ADDED SK9 AND SK10	SSAHI				29/5/00
03A	ADDED PL1, CN1, CN2, CN3 +	CM				28/5/99
02A	ADDED SW1, LINK7	RBM				17/12/98
01A	UPDATED	MAJ				
00A	ORIGINAL	MAJ				25-3-98

© TAIT ELECTRONICS

T803 TONE-REMOTE 3 BIN BACKPLANE

IPN:	ISSUE:	ID:.
220-01449-06	A	2.SC. 2

PROJECT:	DESIGNER:	FILE NAME:	FILE DATE:	NO.SHEETS:
T800	SSAHI	1449_06a	13-Mar-01	2

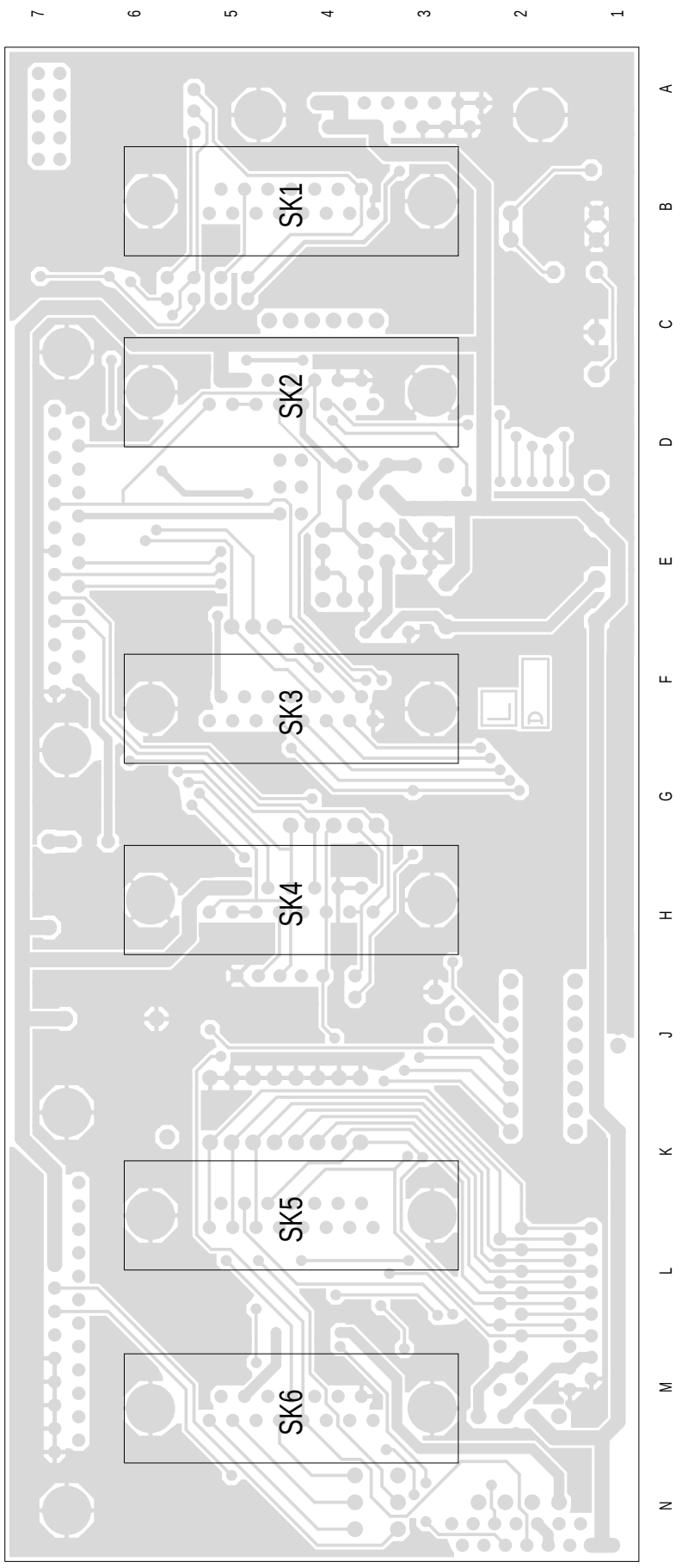


TAIT ELECTRONICS

IPN: 220-01449-06 ISS: A ID: 1.TA DATE: 13 Mar 2001

T803-00 B/P PCB LAYOUT - TOP SIDE

Scale:1:1 ; Rotation: 270 degrees



TAIT ELECTRONICS	IPN:	ISS:	ID:	DATE:
	220-01449-06	A	2.BA	13 Mar 2001

T803-00 B/P PCB LAYOUT - BOTTOM SIDE

Scale:1.3:1 ; Rotation: 90 degrees