

IC1		IC2		IC3		IC4	
PIN	FUNCTION	PIN	FUNCTION	PIN	FUNCTION	PIN	FUNCTION
1	1.2V	1	1.2V	1	1.2V	1	1.2V
2	TX/EX ENABLE	2	URGENT ALARM OUT	2	BATTERY ALARM OUT	2	REV PWR ALARM OUT
3	1.2V	3	1.2V	3	1.2V	3	1.2V
4	FWD PWR ALARM OUT	4	ALARM #3 OUT (SIGNAL STRENGTH)	4	PSU ALARM OUT	4	N/C
5	GROUND	5	GROUND	5	GROUND	5	GROUND
6	FWD PWR ALARM OUT	6	ALARM #3 OUT (SIGNAL RECEIVE)	6	PSU ALARM OUT (LOW VOLTS)	6	N/C
7	GROUND	7	GROUND	7	GROUND	7	GROUND
8	TX ENABLED (TX KEYED)	8	URGENT ALARM OUT	8	BATTERY ALARM OUT	8	REV PWR ALARM OUT

PL3		PL2		PL1		SK1		SK2		SK3	
PIN	FUNCTION	PIN	FUNCTION	PIN	FUNCTION	PIN	FUNCTION	PIN	FUNCTION	PIN	FUNCTION
1	RX LINE 1	1	13.8V	1	RX LINE 1	1	TX KEY	1	CHANNEL SELECT 8	1	TX/EX LINE 1
2	RX LINE 4	2	13.8V	2	N/C	2	PSU ALARM OUT	2	0V	2	TX/EX LINE 4
3	TX/EX KEY	3	N/C	3	N/C	3	ALARM #3 IN (RX RSSI)	3	CHANNEL SELECT 6	3	RX LINE 1
4	RX RELAY COMMON	4	TX REV PWR ALARM OUTPUT	4	RX LINE 4	4	ALARM #2 IN	4	CHANNEL SELECT 5	4	RX LINE 4
5	RX RELAY NORMALLY OPEN	5	RX CTCSS DISABLE	5	RX RSSI (SIG STRENGTH)	5	ALARM #1 IN	5	CHANNEL SELECT 7	5	TX KEY
6	RX CTCSS DISABLE	6	N/C	6	RX AUDIO 1	6	N/C	6	CHANNEL SELECT 4	6	RX GATE OPEN
7	PSU ALARM	7	RX + TX/EX CHANNEL SELECT 6	7	N/C	7	REV PWR ALARM IN	7	SPEAKER	7	PSU ALARM OUT (LOW VOLTS)
8	BATTERY ALARM	8	RX + TX/EX CHANNEL SELECT 4	8	N/C	8	FWD PWR ALARM IN	8	CHANNEL SELECT 3	8	REV PWR ALARM OUT
9	ALARM #1 IN	9	RX + TX/EX CHANNEL SELECT 2	9	N/C	9	URGENT ALARM OUT	9	SPEAKER	9	TX ENABLE (TX KEYED)
10	ALARM #2 IN	10	N/C	10	PA FWD PWR ALARM	10	BATTERY ALARM OUT	10	CHANNEL SELECT 2	10	ALARM #3 OUT (SIG RECEIVE)
11	RX RSSI (SIG STRENGTH)	11	N/C	11	PA REV PWR ALARM	11	ALARM #3 OUT (SIG RECEIVE)	11	0V	11	FWD PWR ALARM OUT
12	TX/EX TONE IN	12	0V	12	N/C	12	ALARM #2 OUT	12	CHANNEL SELECT 1	12	13.8V POSITIVE (FUSED)
13	0V NEGATIVE	13	0V	13	N/C	13	ALARM #1 OUT	13	0V	13	URGENT ALARM OUT
14	RX GATE	14	13.8V	14	RX GATE	14	REV PWR ALARM OUT	14	13.8V	14	BATTERY ALARM OUT
15	TX LINE 1	15	N/C	15	RX RELAY COMMON	15	FWD PWR ALARM OUT	15	13.8V	15	0V
16	TX LINE 4	16	TX FWD PWR ALARM OUTPUT	16	RX RELAY NORMALLY OPEN	16	N/C	16	13.8V		
17	RX INHIBIT	17	TX/EX CTCSS DISABLE	17	TX/EX KEY						
18	TX CTCSS ENABLE	18	RX DISABLE	18	TX/EX TONE INPUT						
19	FWD PWR ALARM	19	RX + TX/EX CHANNEL SELECT 7	19	RX SPEAKER						
20	REV PWR ALARM	20	RX + TX/EX CHANNEL SELECT 5	20	N/C						
21	URGENT ALARM	21	RX + TX/EX CHANNEL SELECT 3	21	TX/EX ENABLE						
22	ALARM #1 OUT	22	RX + TX/EX CHANNEL SELECT 1	22	TX/EX LINE 4						
23	ALARM #2 OUT	23	RX + TX/EX CHANNEL SELECT 8	23	N/C						
24	RX AUDIO 1	24	N/C	24	N/C						
25	13.8V POSITIVE (FUSED)	25	0V	25	TX/EX LINE 1						

ISSUE	AMENDMENT	DRAWN	CHECKED	DATE
3	Page format changed	AMM	ABB	19/10/99
2	SK3 functions changed	AMM	ABB	28/4/99
1	Original	AMM	ABB	31/3/99

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TITLE: PIN FUNCTIONS of PERSONALITY BOARD
220-01596-01
ALARMS (0V) + CHANNEL PANEL

DRAWING: T800-60-0002