Selectone

ST-20B/25B APPLICATION NOTE # 0409

FOR USE WITH : MAXON SM-4150/4450 **APPROVAL DATE: 18AUG98R BY: CPE**

CONNECTION

ENCRYPTION UNIT **RADIO**

For use with 406136-E ISSUE: F /RF BOARD and 406037-E ISSUE: F / RF BOARD

(3)	**(+) SUPPLY INPUT**	**RED**	**PL10-9**	**SW Power**
(9)	**(-) SUPPLY INPUT**	**BLACK**	**PL10-7**	**GND**
(11)	**RX AUDIO INPUT**	**BLUE**	**JUNCTION OF E102-1 AND Pad "B" (Digital PCB)**	
(1)	**RX AUDIO OUTPUT**	**WHT/BLU**	**JUNCTION OF C32 AND Pad "A" (Digital PCB) WHT/BLU See Notes**	
(12)	**TX AUDIO INPUT**	**GREEN**	**JUNCTION OF R284 ANDC253**	
(13)	**TX AUDIO OUTPUT**	**WHT/GRN**	**JUNCTION OF C253 AND R285 (Digital PCB) WHT/GRN See Notes**	
(6)	**$\overline{\text{PTT}}$ INPUT**	**YELLOW**	**PL10-1**	**PTT**
(7)	**CLEAR/$\overline{\text{CYPHER}}$**	**BROWN**	**SK1-7**	
(10)	**CODE #3**	**BLK/YEL**	**USER SELECT ST-20B ONLY**	
(4)	**LED**	**WHT/ORG**	**IC103-1**	
(5)	**CODE #2**	**BLK/ORG**	**USER SELECT ST-20B ONLY**	
(8)	**PA ENABLE**	**BLK/BRN**	**N/C**	
(2)	**CODE #1**	**VIOLET**	**USER SELECT ST-20B ONLY**	

Rev: 4-10-00-

NOTES:

REMOVE C253 AND C32.

ADD A .01µf CAP (REMOVED C253) IN SERIES WITH THE WHT/GRN WIRE.

ADD A 1µF CAP (REMOVED C32) IN SERIES WITH THE WHT/BLU WIRE TO PAD LABELED "A".

TO CAUSE THE UNIT TO GO IN AND OUT OF CIPHER DOUBLECLICK THE AUX BUTTON ON THE

R4= NOT USED **R21= NOT USED** **R28= 1.1K** **R47= 1.1K**

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