

# Selectone

## ST-20B/25B APPLICATION NOTE #0373

FOR USE WITH : IMU 3100K

APPROVAL DATE: 03SEP98R BY: RTS

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### CONNECTION

#### ENCRYPTION UNIT

#### RADIO

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(3)	(+) SUPPLY INPUT	RED	J101-6	8V
(9)	(-) SUPPLY INPUT	BLACK	GROUND	
(11)	RX AUDIO INPUT	BLUE	JUNCTION OF L52 AND C131	
(1)	RX AUDIO OUTPUT	WHT/BLU	JUNCTION OF C131 AND R131	
(12)	TX AUDIO INPUT	GREEN	JUNCTION OF C201 AND C202	
(13)	TX AUDIO OUTPUT	WHT/GRN	JUNCTION OF C202 AND C203	
(6)	PTT INPUT	YELLOW	J603-8	PTT
(7)	CLEAR/CYPHER	BROWN	J603-5	L/O
(10)	NO CONNECTION	BLK/YEL	NO CONNECTION	
(4)	BEEP EE CS	WHT/ORG	J608-13	VOL H
(5)	CODE #2	BLK/ORG	NO CONNECTION	
(8)	PA ENABLE/CODE #1	BLK/BRN	JUNCTION OF Q641 AND R638	
(2)	EE DI/DO	VIOLET	NO CONNECTION	

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NOTES: REMOVE C131 AND C202. ADD A 0.056 CAPACITOR IN SERIES WITH THE WHT/GRN WIRE. ADD A 1MFD CAPACITOR IN SERIES WITH THE WHT/BLUE WIRE. JUMPER R37 ON ST-20B/25B. DOUBLE CLICK THE L/O TO ENABLE AND DISABLE.

**CUSTOMER SELECT RESISTOR R28 = 1.1K R35 = 1.1K R4 AND R21 ARE NOT USED**  
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