

# Selectone

## ST-20B APPLICATION NOTE #0329

FOR USE WITH : MOTOROLA SP50

APPROVAL DATE: 23JAN98S BY: RTS

### CONNECTIONS

VOICE ENCRYPTION UNIT		RADIO	
(3)	(+) SUPPLY INPUT	RED	JUNCTION OF SW480 AND C306
(9)	(-) SUPPLY INPUT	BLACK	J402-10 GROUND
(11)	RX AUDIO INPUT	BLUE	J402-7 UNMUTED RX AUDIO
(1)	RX AUDIO OUTPUT	WHT/BLU	J402-6 RX AUDIO
(12)	TX AUDIO INPUT	GREEN	J402-11 TX AUDIO
(13)	TX AUDIO OUTPUT	WHT/GRN	J402-12 OPTIONAL TX AUDIO
(6)	PTT INPUT	YELLOW	J402-2 PTT
(7)	CLEAR/CYPHER	BROWN	J401-6 MON
(4)	BEEP	WHT/ORG	JUNCTION OF R487 AND C483
(8)	PA ENABLE	BLK/BRN	J402-5
(5)	NO CONNECTION	BLK/ORG	NO CONNECTION
(10)	NO CONNECTION	BLK/YEL	NO CONNECTION
(2)	NO CONNECTION	VIOLET	NO CONNECTION

**NOTES: REMOVE R470 AND R480. ADD A 30K RESISTOR IN SERIES WITH THE WHT/BLU WIRE. ADD A 24K RESISTOR IN SERIES WITH THE WHT/GRN WIRE.**

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