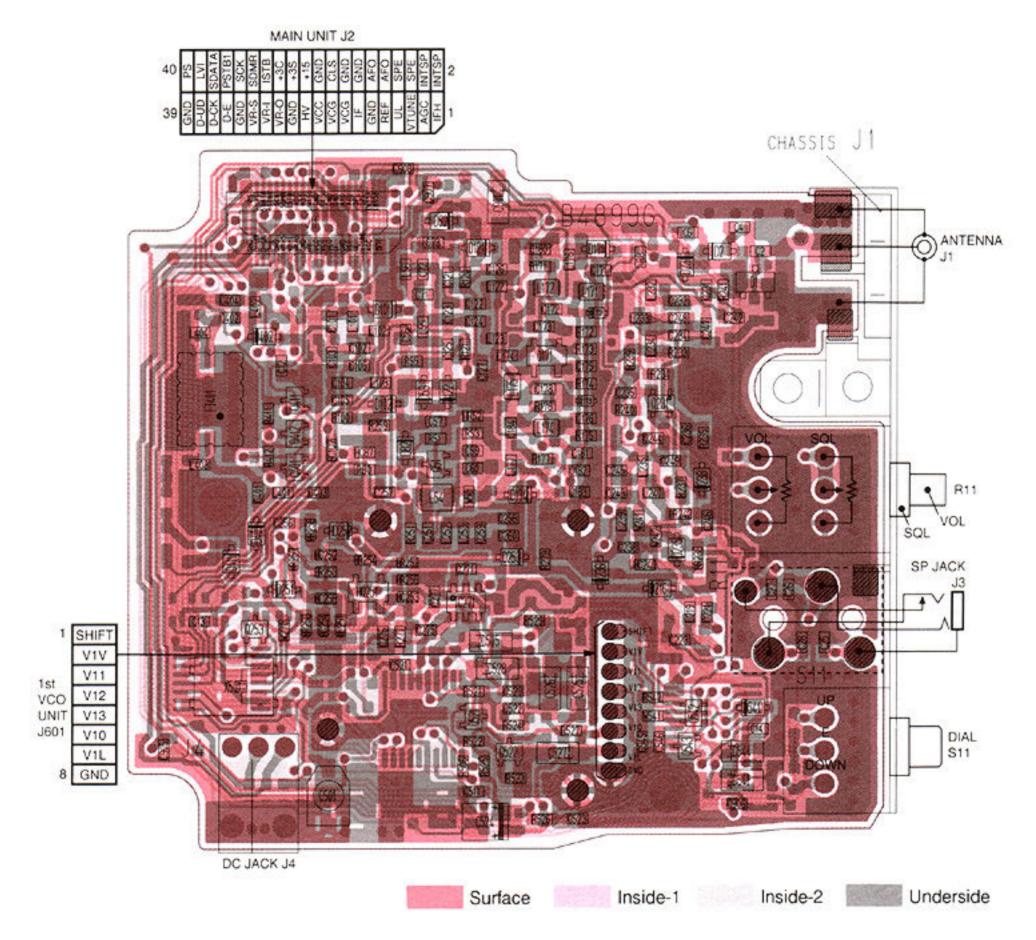


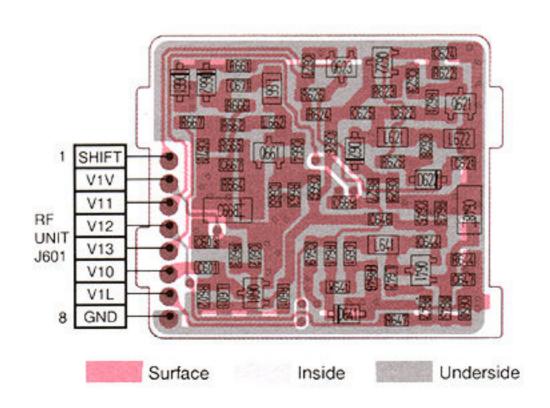
## SECTION 9 BOARD LAYOUTS

#### RF UNIT (TOP VIEW)

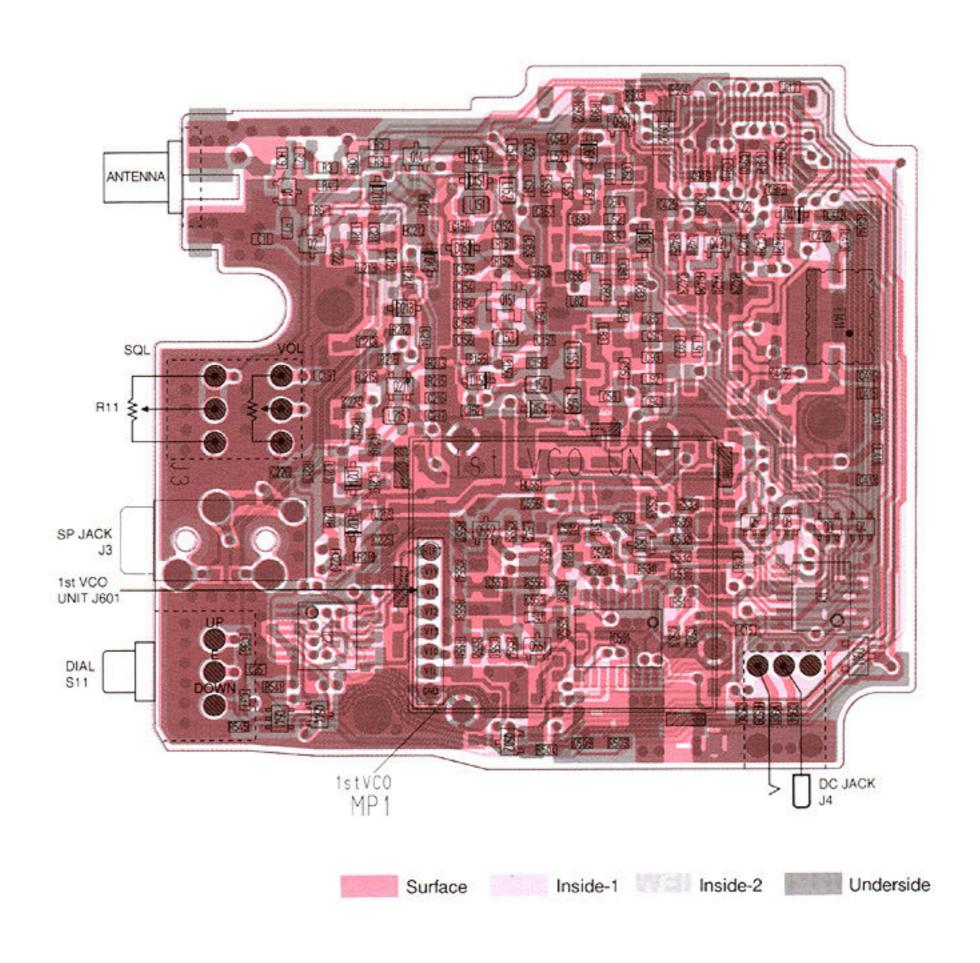
The combination of this page and the next page shows the unit layout in the same configuration as the actual P.C. Board.



#### **1ST VCO UNIT (TOP VIEW)**

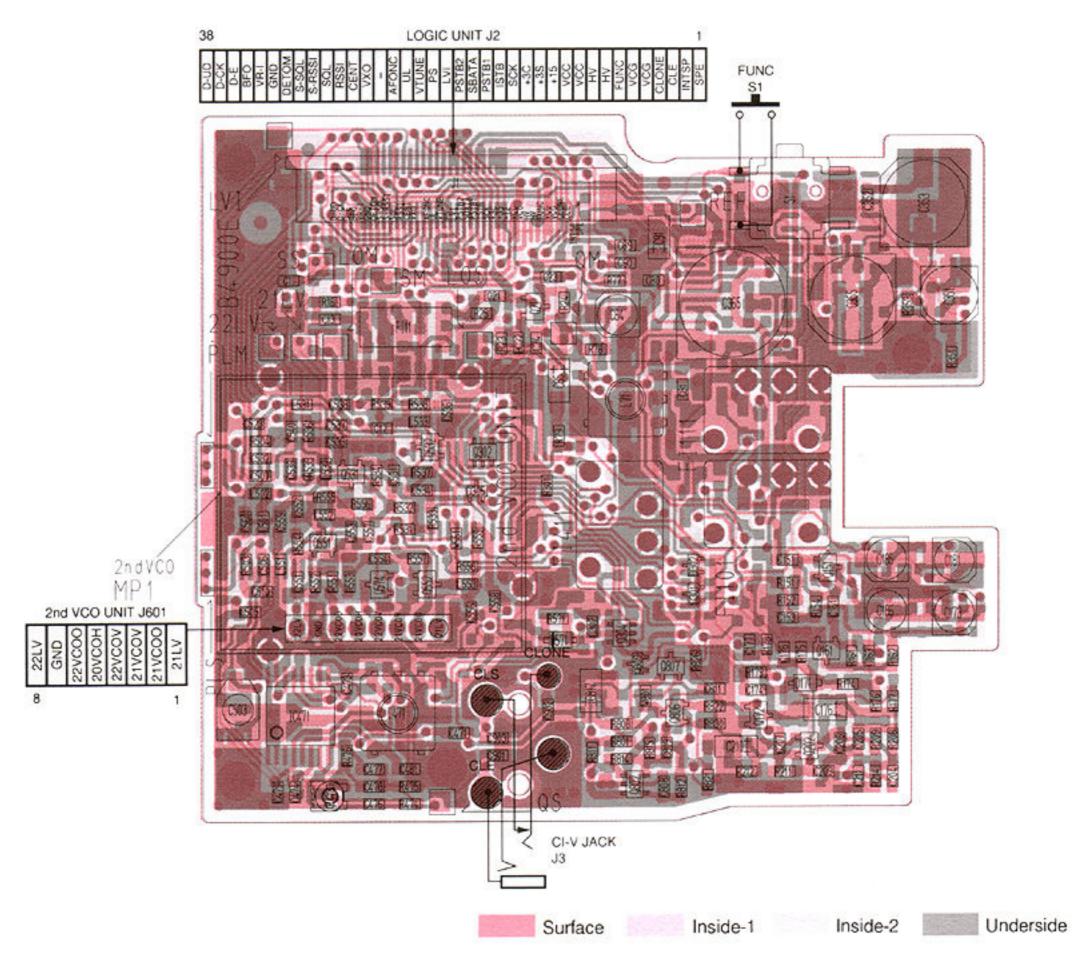


# RF UNIT (BOTTOM VIEW)

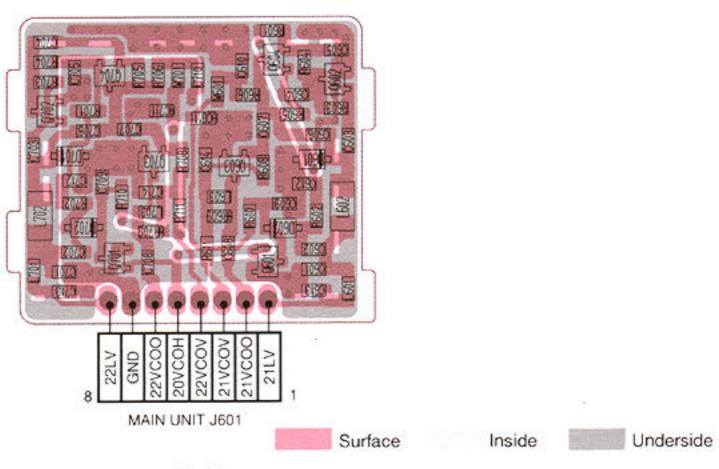


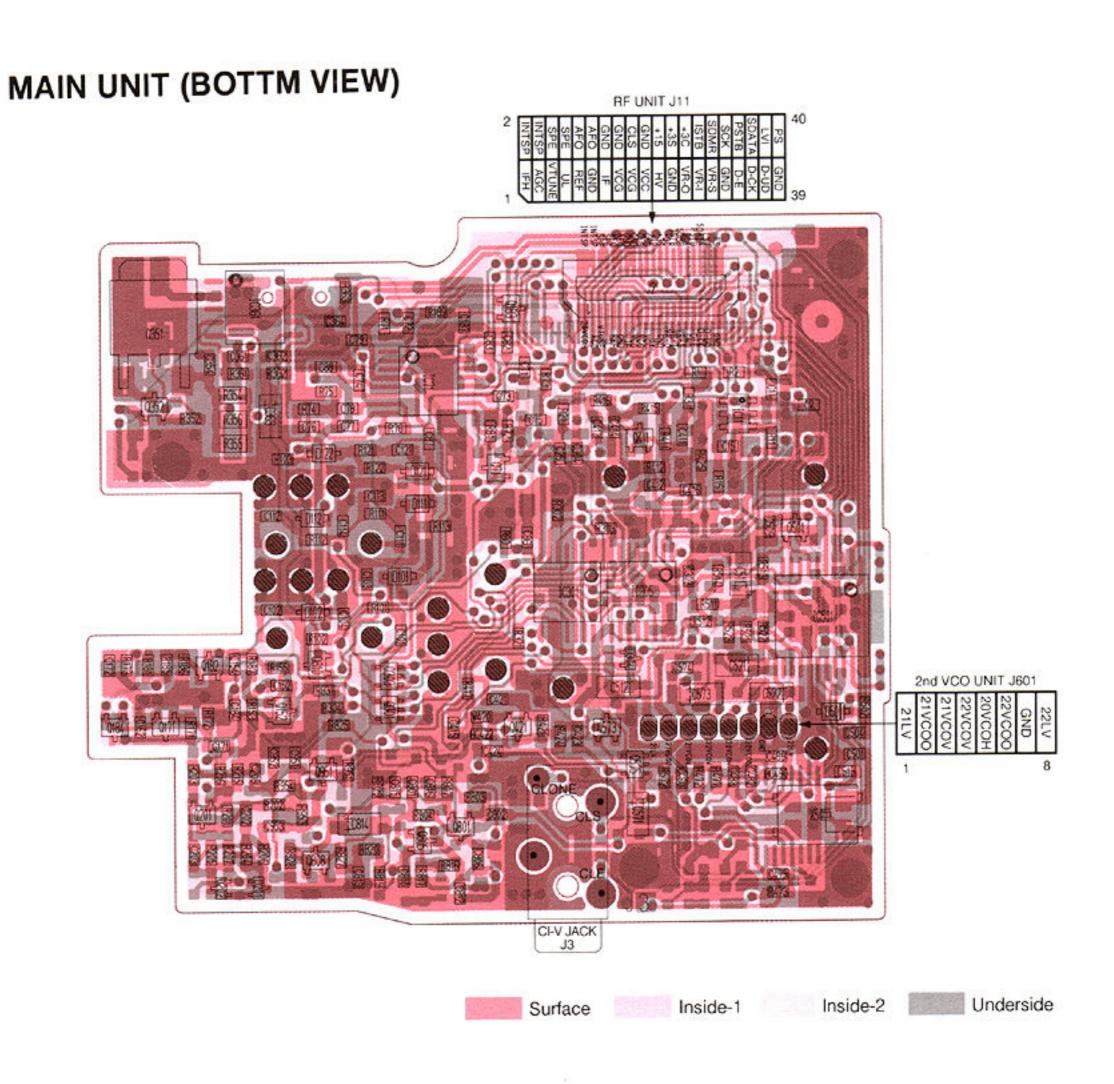
#### MAIN UNIT (TOP VIEW)

The combination of this page and the next page shows the unit layout in the same configuration as the actual P.C. Board.

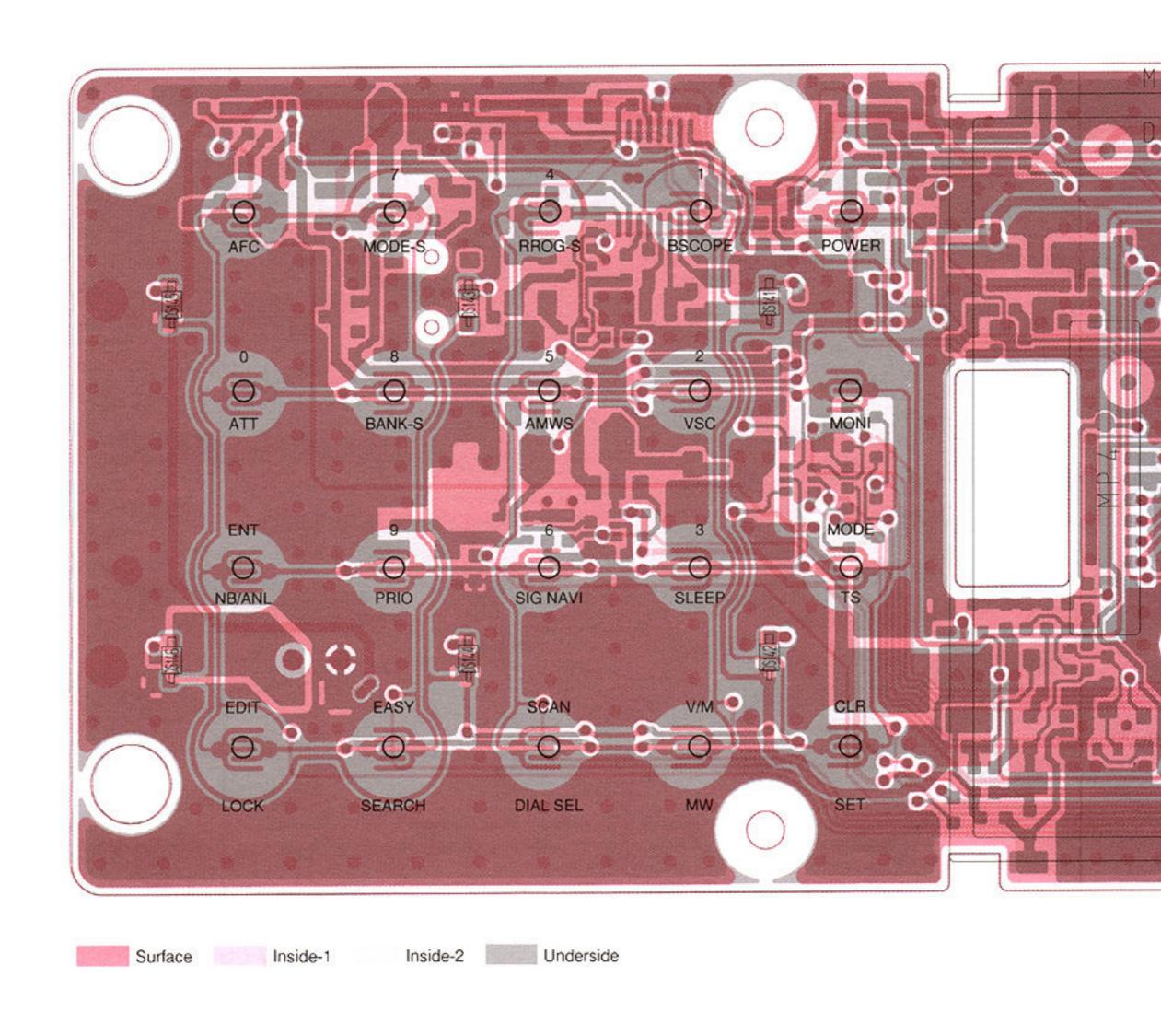


#### 2ND VCO UNIT (TOP VIEW)

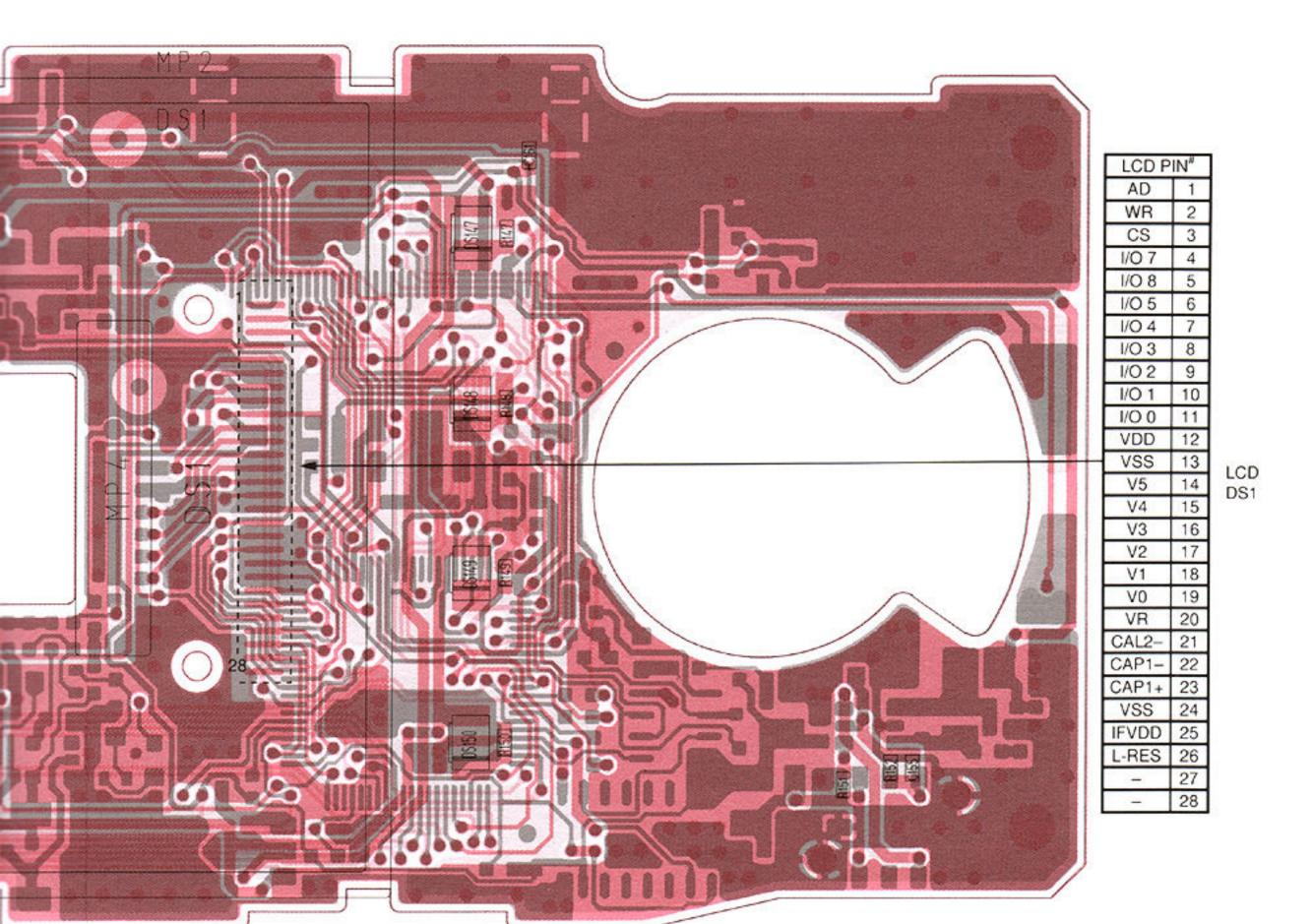




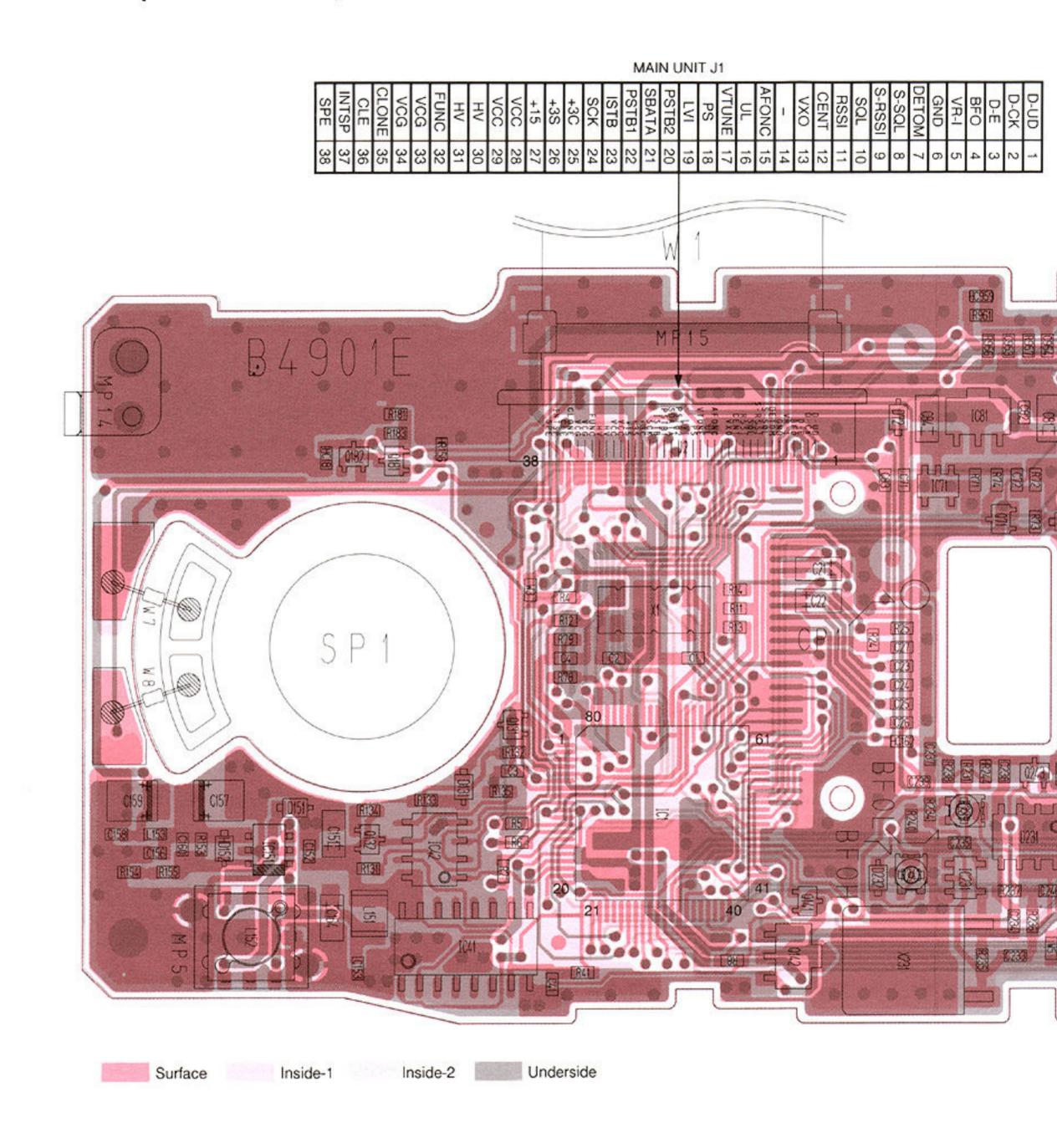
## LOGIC UNIT (TOP VIEW)



The combination of this page and the next page shows the unit layout in the same configuration as the actual P.C. Board.

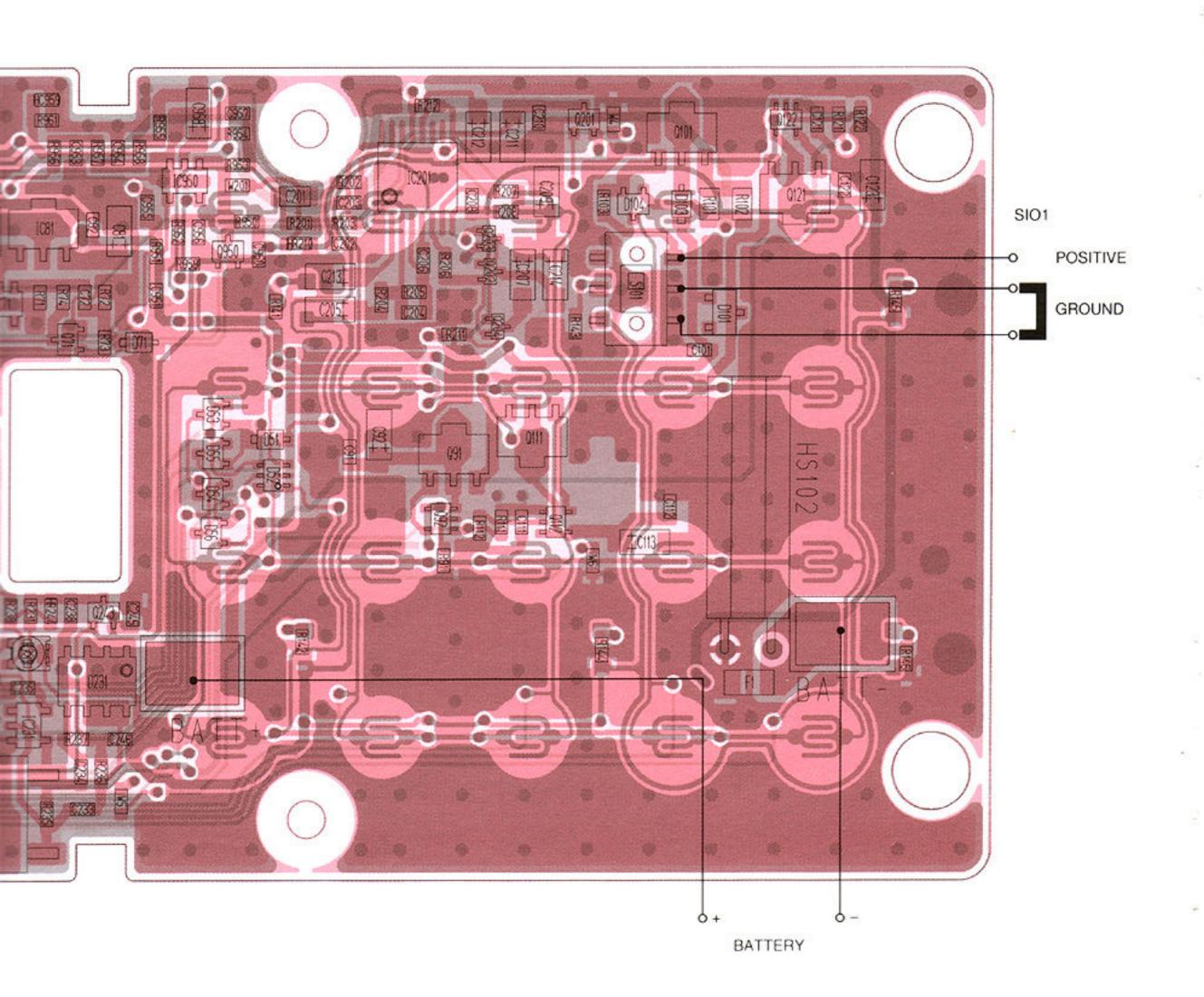


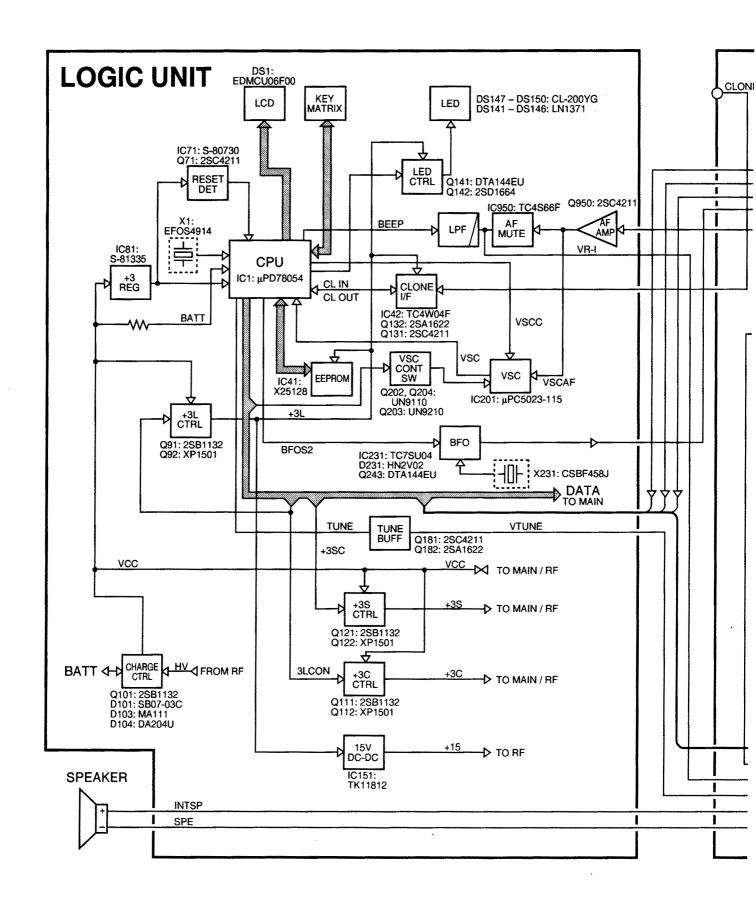
## LOGIC UNIT (BOTTOM VIEW)

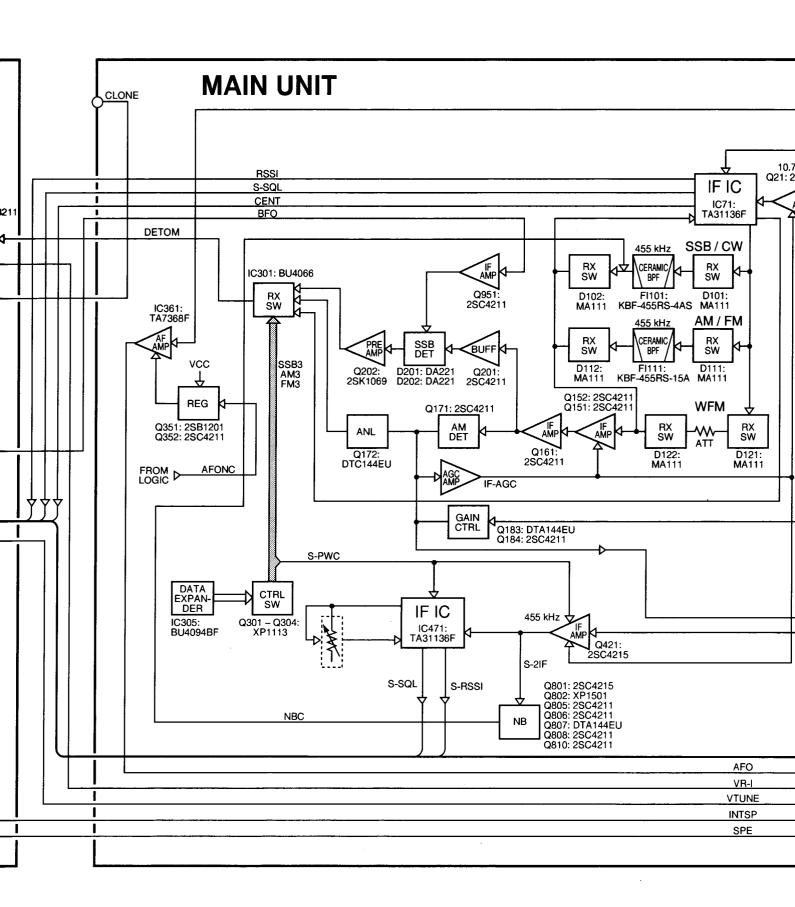


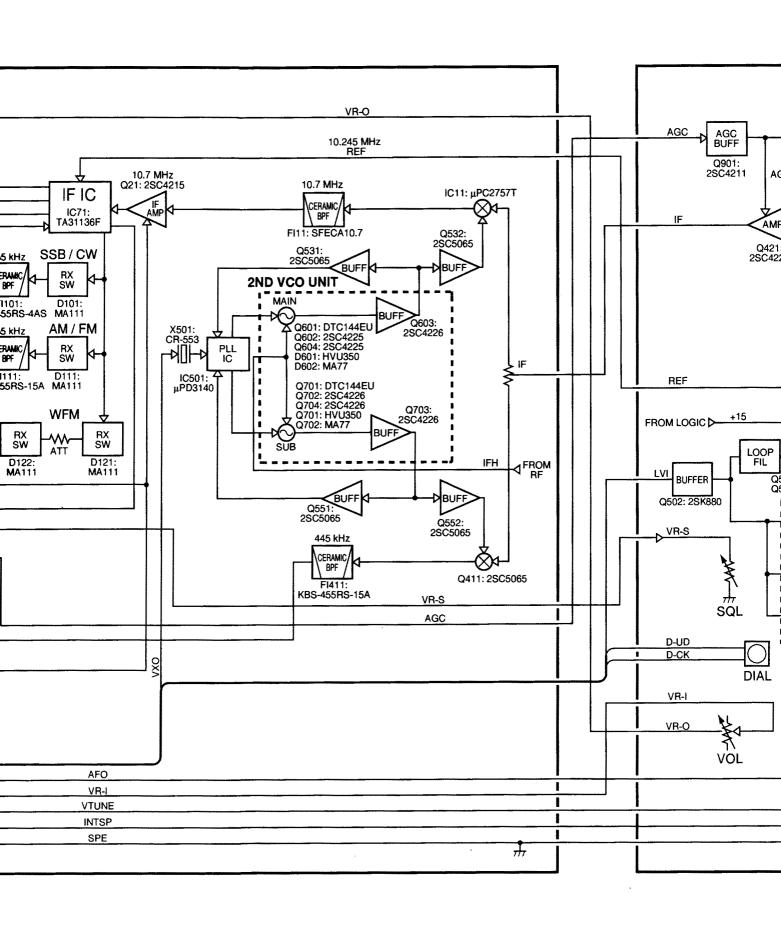
5	VR-I	BFO	D-E	D-CK	D-UD
0	5	4	3	2	-

Downloaded by RadioAmateur.EU

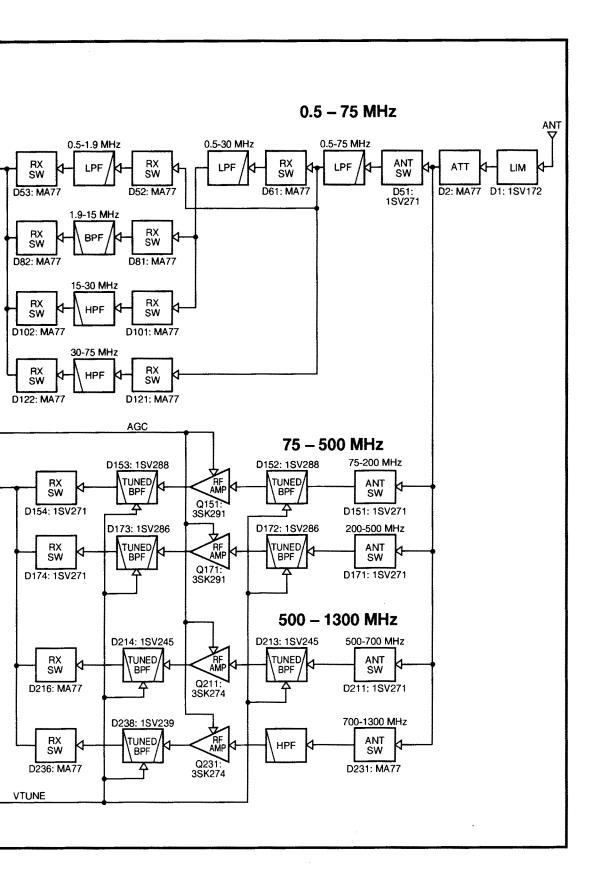








#### **RF UNIT** AGC BUFF AGC AGC Q901: 2SC4211 IC271: μPC2757T 0.5-1.9 MHz 0.5-3 AGC RX SW sŵ 266.7 MHz Q51: 2SC4215 D253: 1SV271 D52: MA77 D53: MA77 IF RX SW RX SW AMP 1.9-15 MHz Q421: 2SC4226 D402: FI401: D401: RX SW EFCH266MKQP1 BPF SW 429.1 MHz D82: MA77 D81: MA77 RX SW RX SW **BPF** 15-30 MHz D412: D411: FI411: EFCH429MKQP1 MA77 HPF SW SW D101: MA77 REF BUFF HPF 1LO SW SW X501: CR-555 Q531: 2SC4211 ROM LOGIC > D122: MA77 D121: MA77 CHARGE PUMP LOOP FIL PLL AGC AMP AMF Q521: 2SK880 | IC501: Q551: Q522: 2SC4211 | HD155001BT | 2SC4228 BUFFER 2SC4228 D153: 1SV288 Q502: 2SK880 TUNED/ RF AMP SW Q151: 3SK291 VR-S Q621, Q622: 2SC4228 D154: 1SV271 Q601: 2SC4228 D173: 1SV286 VCO<sub>2</sub> TUNED/ BPF/ **1ST VCO UNIT** SW Q641: 2SC4226 Q171: 35K291 D174: 1SV271 Q661: 2SC4228 D-UD D-CK SPEAKER D214: 1SV245 INTSP / SPE DIAL **JACK** RF TUNED BPF SW VR-I TO MAIN VCC REVERSE VOLTAGE PROTECT Q211: 3SK274 D216: MA77 VR-Q D901: SB07-03C TO LOGIC 4HV DC JACK D238: 1SV239 VOL RX SW TUNED BPF Q231: 3SK274 D236: MA77 **VTUNE**



#### SECTION 11 VOLTAGE DIAGRAM

