

**SCHEMATIC DIAG**

1

2

3

4

5

6

A

B

C

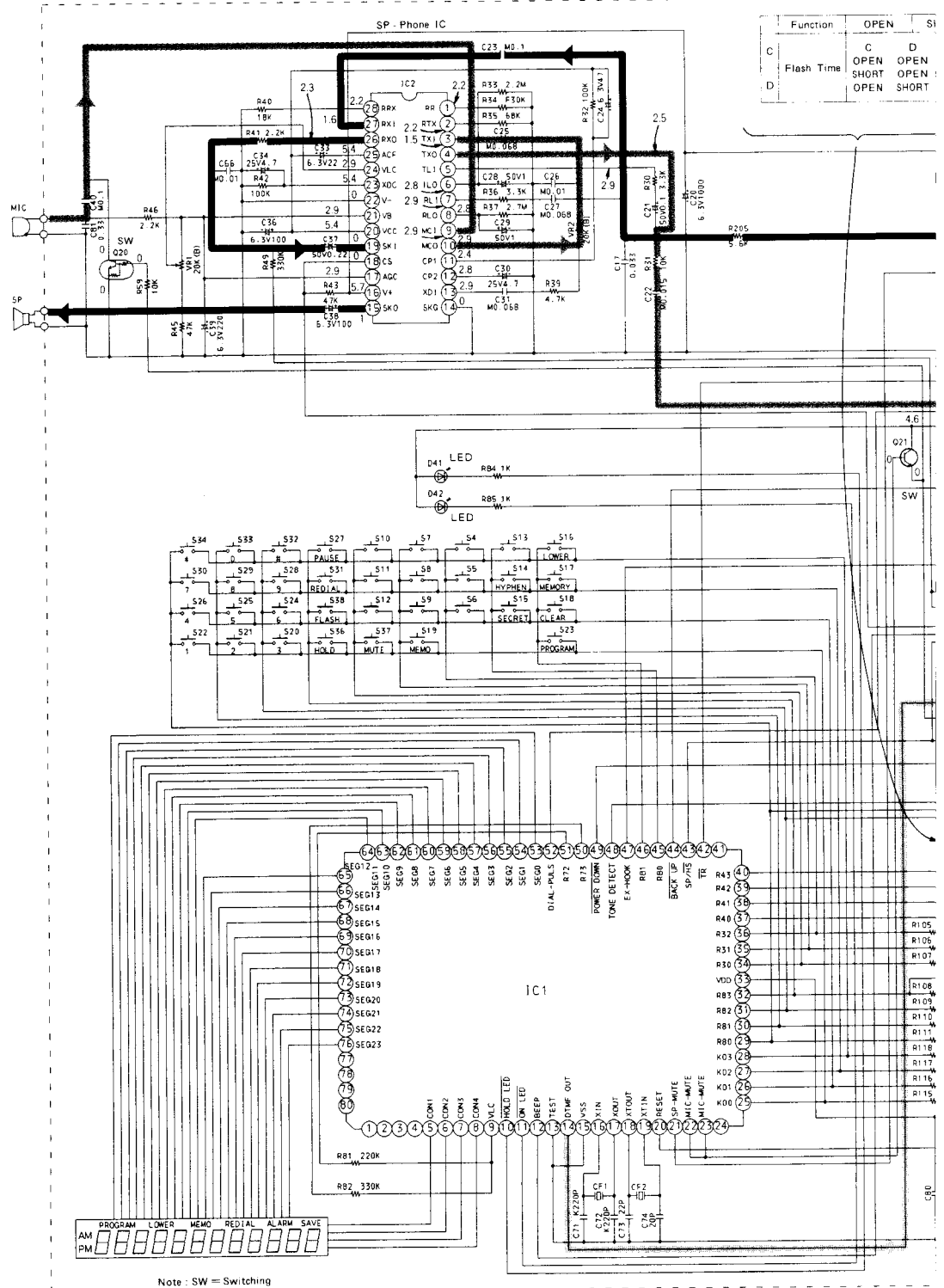
D

E

F

G

H

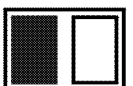


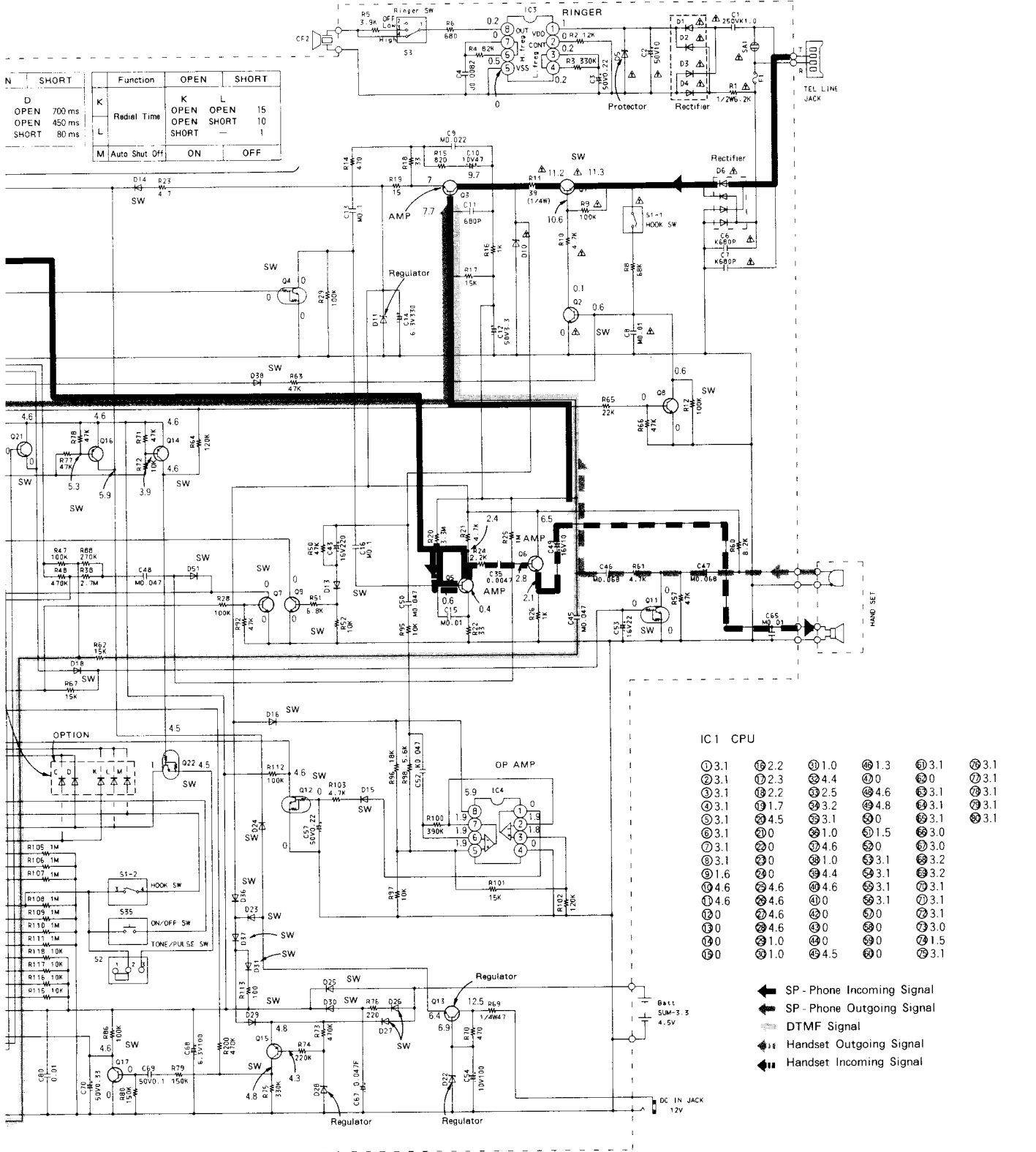
Function	OPEN	SH
C	Flash Time	OPEN
D	Flash Time	OPEN

**Notes:**

- SW1-1: Hook switch in "ON-HOOK" position.
- SW1-2: Hook switch in "ON-HOOK" position.
- SW2: Dialing mode selector switch "TONE" position.
- SW3: Ringer volume switch in "HIGH" position.

- DC voltage measurements are taken with electronic voltmeter from negative terminal of battery.  
(Add 40 mA to telephone line from the loop simulator.)  
1 Off-hook condition  
No Mark: Handset Mode  
( ): Speakerphone On Mode
- This schematic diagram may be modified at any time with the development of new technology.





N	SHORT	Function	OPEN	SHORT
D	700 ms	Radial Time	K OPEN	L OPEN 15
OPEN	450 ms		OPEN	SHORT 10
SHORT	80 ms		SHORT	1
M	Auto Shut Off	ON	OFF	

IC1 CPU

① 3.1	⑩ 2.2	⑲ 1.0	⑳ 1.3	㉑ 3.1	㉒ 3.1
② 3.1	⑪ 2.3	⑳ 4.4	㉑ 0	㉒ 0	㉓ 3.1
③ 3.1	⑫ 2.2	㉑ 2.5	㉒ 4.6	㉓ 3.1	㉔ 3.1
④ 3.1	⑬ 1.7	㉑ 3.2	㉒ 4.8	㉓ 3.1	㉔ 3.1
⑤ 3.1	⑭ 4.5	㉑ 3.1	㉒ 0	㉓ 3.1	㉔ 3.1
⑥ 3.1	⑮ 0	㉑ 1.0	㉒ 1.5	㉓ 3.0	㉔ 3.0
⑦ 3.1	⑯ 0	㉑ 4.6	㉒ 0	㉓ 3.0	㉔ 3.0
⑧ 3.1	⑰ 0	㉑ 1.0	㉒ 3.1	㉓ 3.2	㉔ 3.2
⑨ 1.6	⑱ 0	㉑ 4.4	㉒ 3.1	㉓ 3.2	㉔ 3.1
⑩ 4.6	㉑ 4.6	㉒ 4.6	㉓ 3.1	㉔ 3.1	㉕ 3.1
⑪ 4.6	㉑ 4.6	㉒ 0	㉓ 3.1	㉔ 3.1	㉕ 3.1
⑫ 0	㉑ 4.6	㉒ 0	㉓ 0	㉔ 3.1	㉕ 3.1
⑬ 0	㉑ 4.6	㉒ 0	㉓ 0	㉔ 3.0	㉕ 3.0
⑭ 0	㉑ 1.0	㉒ 0	㉓ 0	㉔ 1.5	㉕ 1.5
⑮ 0	㉑ 1.0	㉒ 4.5	㉓ 0	㉔ 3.1	㉕ 3.1

- ← SP - Phone Incoming Signal
- SP - Phone Outgoing Signal
- ⚡ DTMF Signal
- ⚡ Handset Outgoing Signal
- ⚡ Handset Incoming Signal

7. Important safety notice  
 Components identified by  $\Delta$  mark have special characteristics important for safety. When replacing any of these components, use only manufacturer's specified parts.

