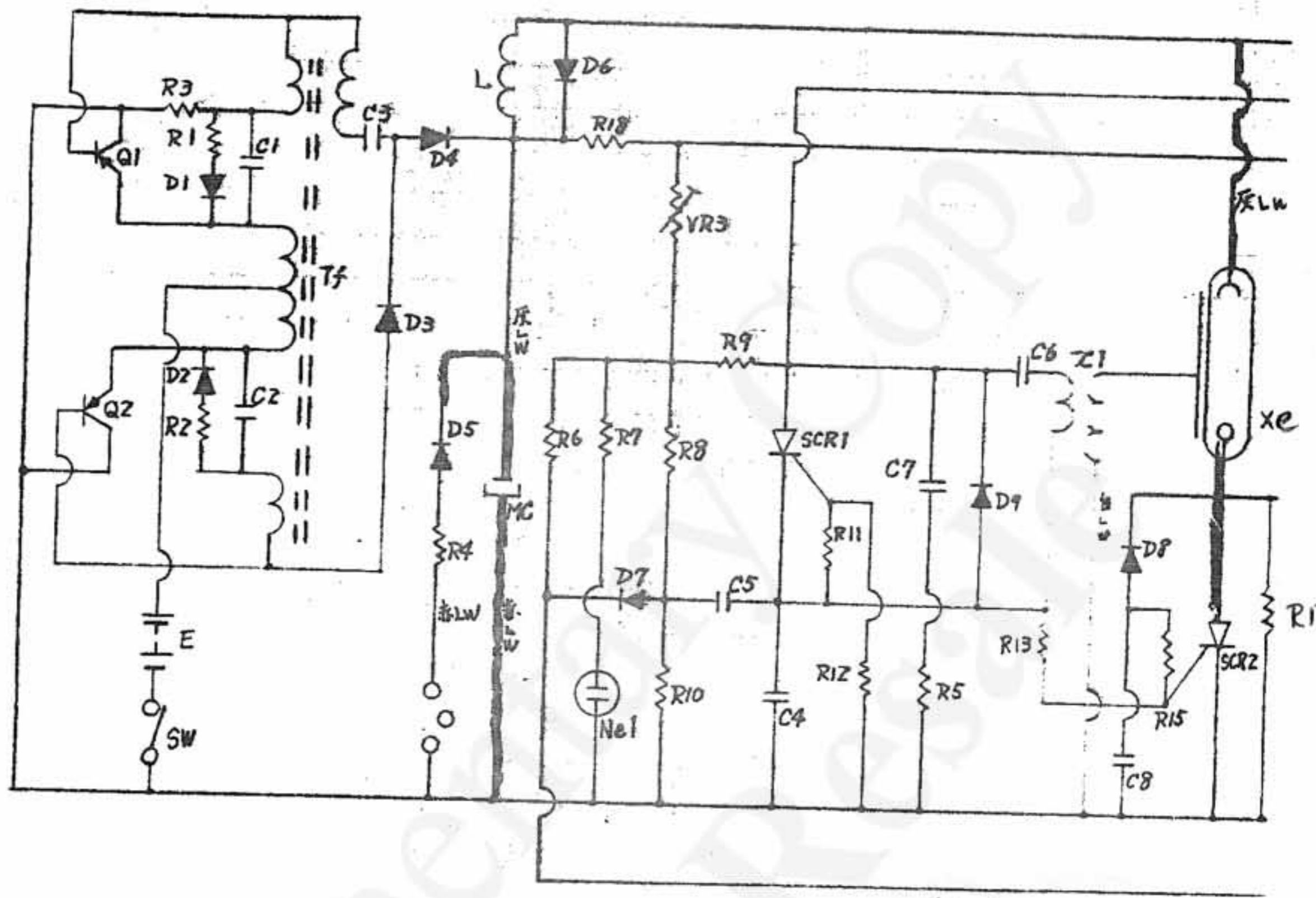


部品保有期限切れ
 NONE AVAILABLE

MODEL	HOUSE CODE or UNIT	FIG
OLYMPUS QUICK AUTO 310	PS31	1/1

NOTE: WHEN ORDERING FOR SPARE PARTS, PLEASE CLARIFY A MODEL, PARTS NUMBER AND QUANTITY

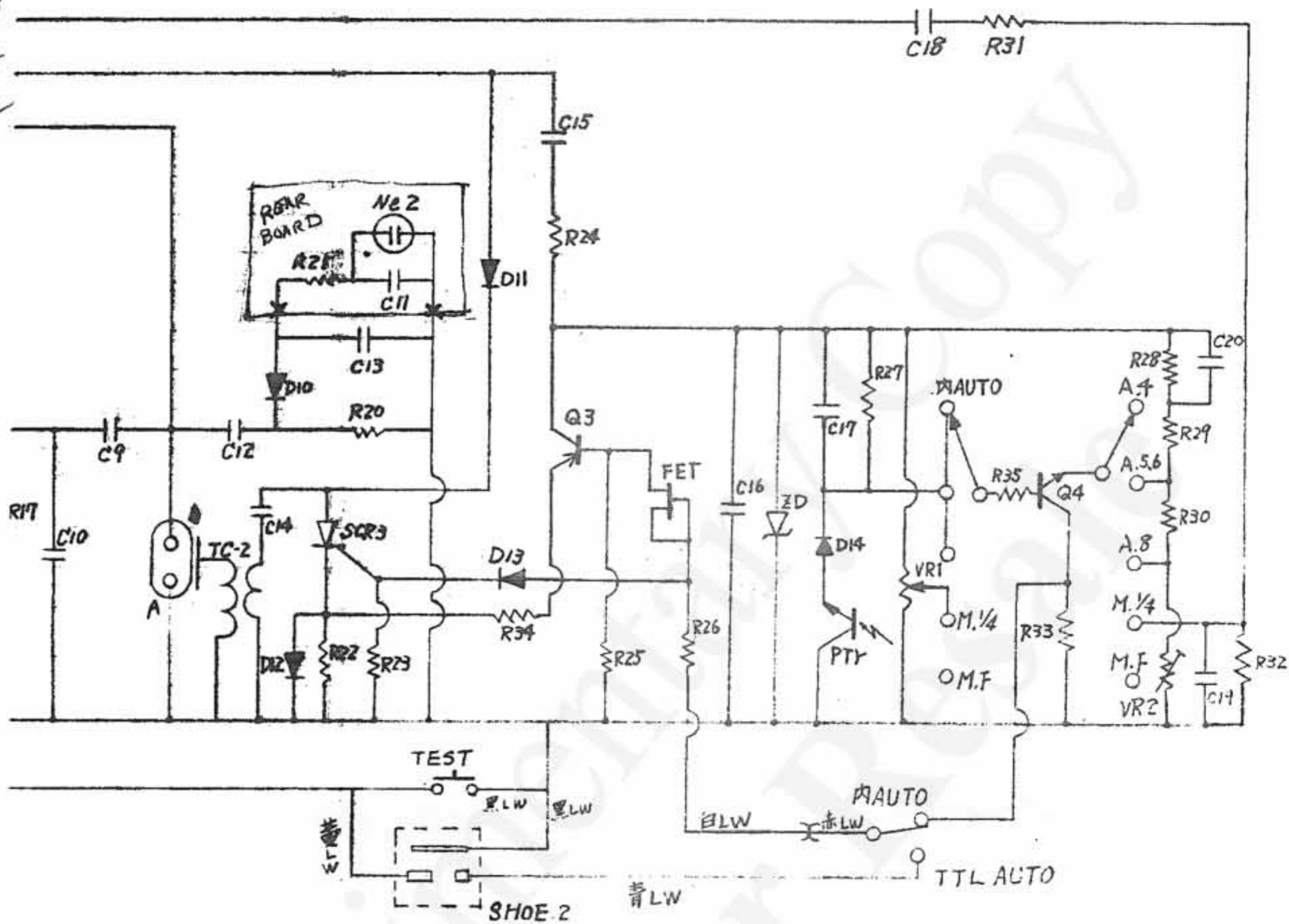
New
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黄L.W

Q1	2SB324S (2SB405)	D10	1S1888 (1N4005)	VR2	SR19R5.6K3 (5.6~10KΩ)
Q2	2SB324S (2SB405)	D11	1S1888 (1N4005)	VR3	500KΩ (1/4W)
Q3	JAI050 (SP55430)	D12	1S1888 (1N4005)	R1	27Ω (1/4W)
Q4	2SC536 F	D13	1S1888 (1N4005)	R2	27Ω (1/4W)
PT	BPY62-II	D14	1S188 (1N60)	R3	12KΩ (1/4W)
FET	ZSK30A-R	ZD	MZ-214	R4	27Ω (1/4W)
SCR1	CROZAM-6	Tf	100-429	R5	120Ω (120Ω) (1/4W)
SCR2	CR34Z-8 (S-6194)	TC1	100-457 (100-453)	R6	1.2M (1.2MΩ) (1/4W)
SCR3	CROZAM-6	TC2	100-455	R7	560K (500K) (1/4W)
D1	1S188 (1N60)	L	100-466	R8	3.3MΩ (1/4W)
D2	1S188 (1N60)	Xe	3655 G	R9	560KΩ (500KΩ) (1/4W)
D3	1S1888 (1N4005)	A	KAT05-01 (TOB-700B(π))	R10	560KΩ (1/4W)
D4	1S1888 (1N4005)	Ne1	NL-240 D	R11	1.2KΩ (1/4W)
D5	1S1888 (1N4005)	Ne2	NE-2B3	R12	3.3KΩ (1/4W)
D6	1S1888	SW	SS-2204	R13	220Ω (1/4W)
D7	1S1888 (1N4005)	MC	8-520 1000μF 3505V	R15	3.3KΩ (1/4W)
D8	1S1888	VR1	SR19R 5.6KB	R17	12KΩ (1/2W)
D9	1S1888 (1N4005)			R18	12KΩ (1/2W)

New
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of 2

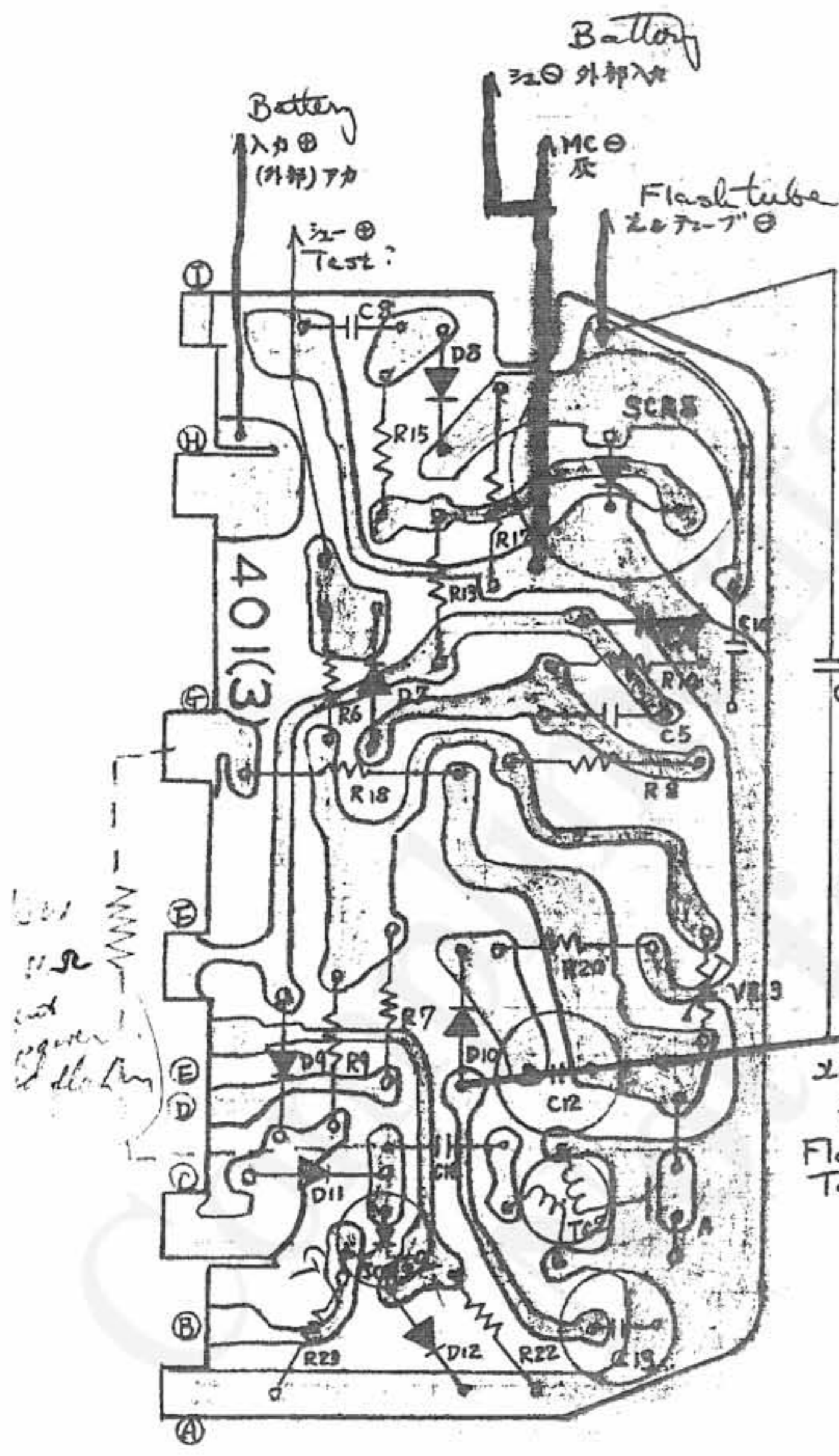


- | | | | |
|-----|-----------------------|-----|------------------------------------|
| R20 | 3.3 K Ω 1/4W | C2 | 0.22 μ F 10V7Mシリン |
| R21 | 2.2 M Ω 1/4W | C3 | 0.22 μ F 100V MKH |
| R22 | 1.2 K Ω 1/4W | C4 | 0.018 μ F 250V MKH |
| R23 | 1.2 K Ω 1/4W | C5 | 0.018 μ F 250V MKH |
| R24 | 12 K Ω 1/4W | C6 | 0.047 μ F 250V MKH |
| R25 | 120 K Ω 1/4W | C7 | 0.1 μ F 250V MKH |
| R26 | 33 K Ω 1/4W | C8 | 0.22 μ F 100V MKH |
| R27 | 33 K Ω 1/4W | C9 | 3.6 μ F 250V MTM 電流 |
| R28 | 390 Ω 1/4W | C10 | 0.068 μ F 250V MKH |
| R29 | 560 Ω 1/4W | C11 | 0.15 μ F 100V MKH |
| R30 | 1.2 K Ω 1/4W | C12 | 1.5 μ F (0.68 μ F) 315V 電解 |
| R31 | 33 K Ω 1/4W | C13 | 1.5 μ F (0.68 μ F) 315V 電解 |
| R32 | 120 K Ω 1/4W | C14 | 0.047 250V MKH |
| R33 | 12 K Ω 1/4W | C15 | 0.1 μ F 250V MKH |
| R34 | 220 Ω 1/4W | C16 | 0.018 μ F 250V MKH |
| R35 | 5.6 K Ω 1/4W | C17 | 0.068 μ F 250V MKH |
| C1 | 0.22 μ F 10V7Mシリン | C18 | 0.018 μ F 250V MKH |
| | | C19 | 0.15 μ F 250V MKH |
| | | C20 | 0.15 μ F 10V |

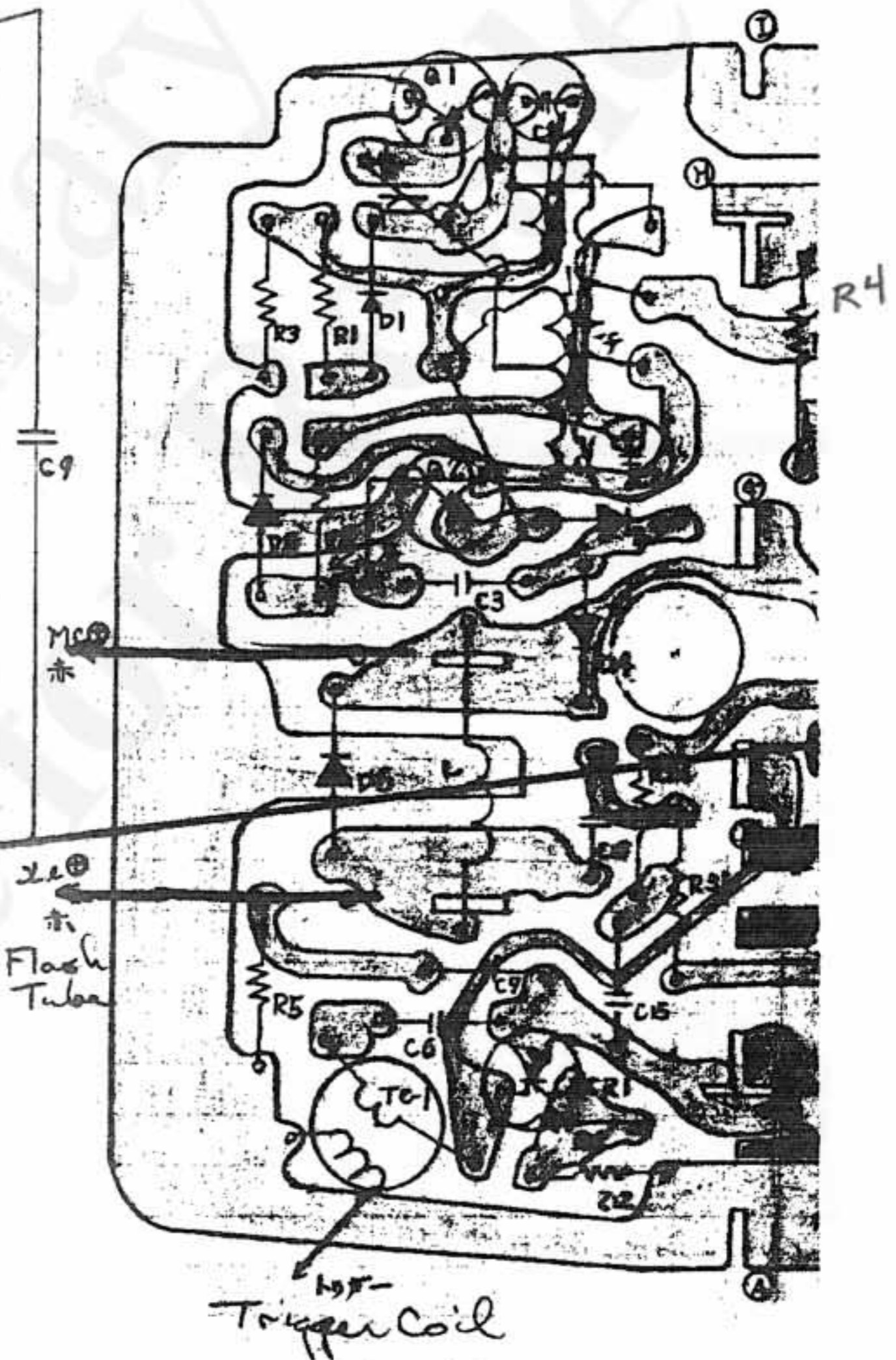
記号	年月日	来歴記事

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P5-31 (573-3)



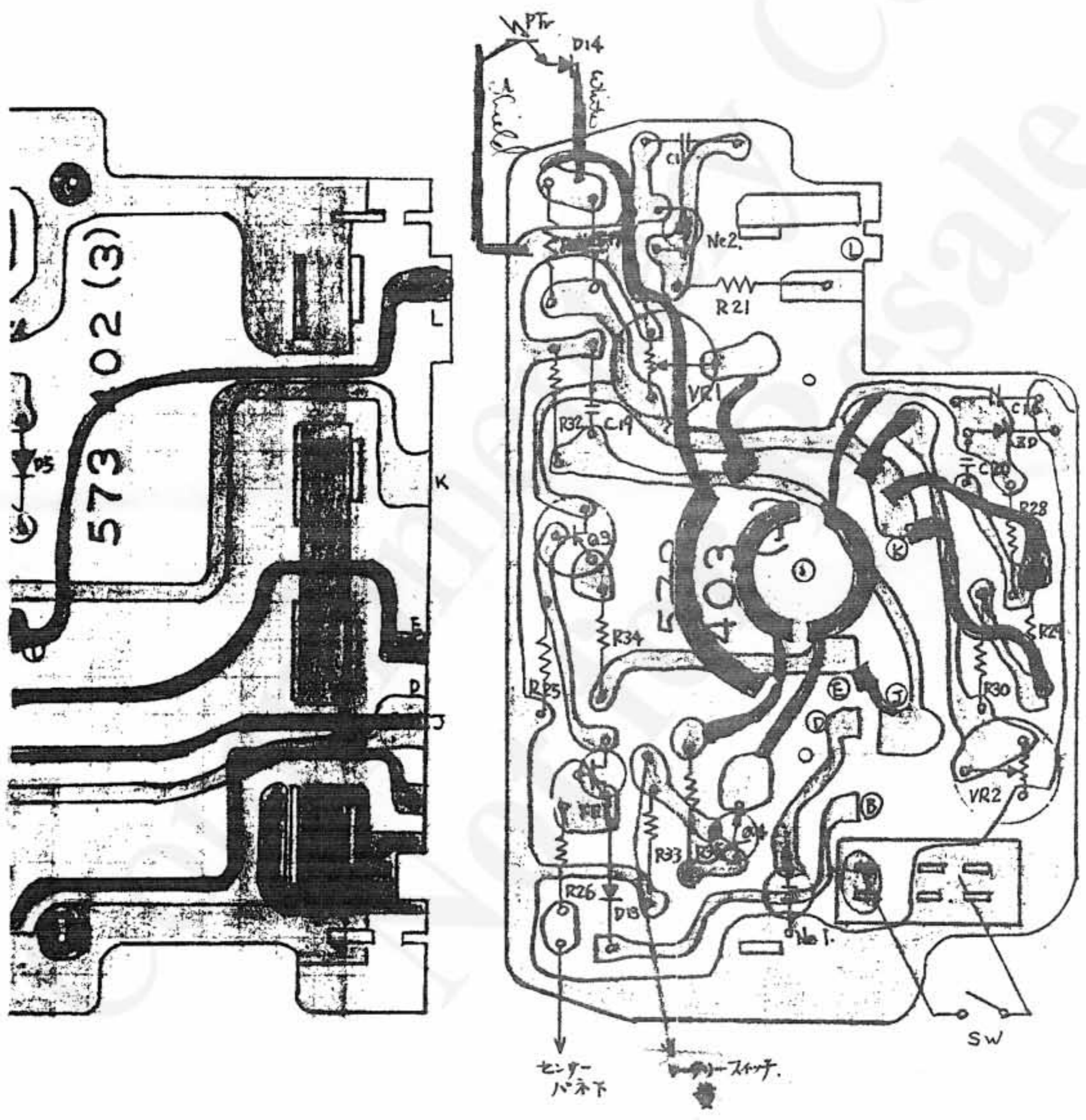
UP5543



UP5544

実体配線図 (New)

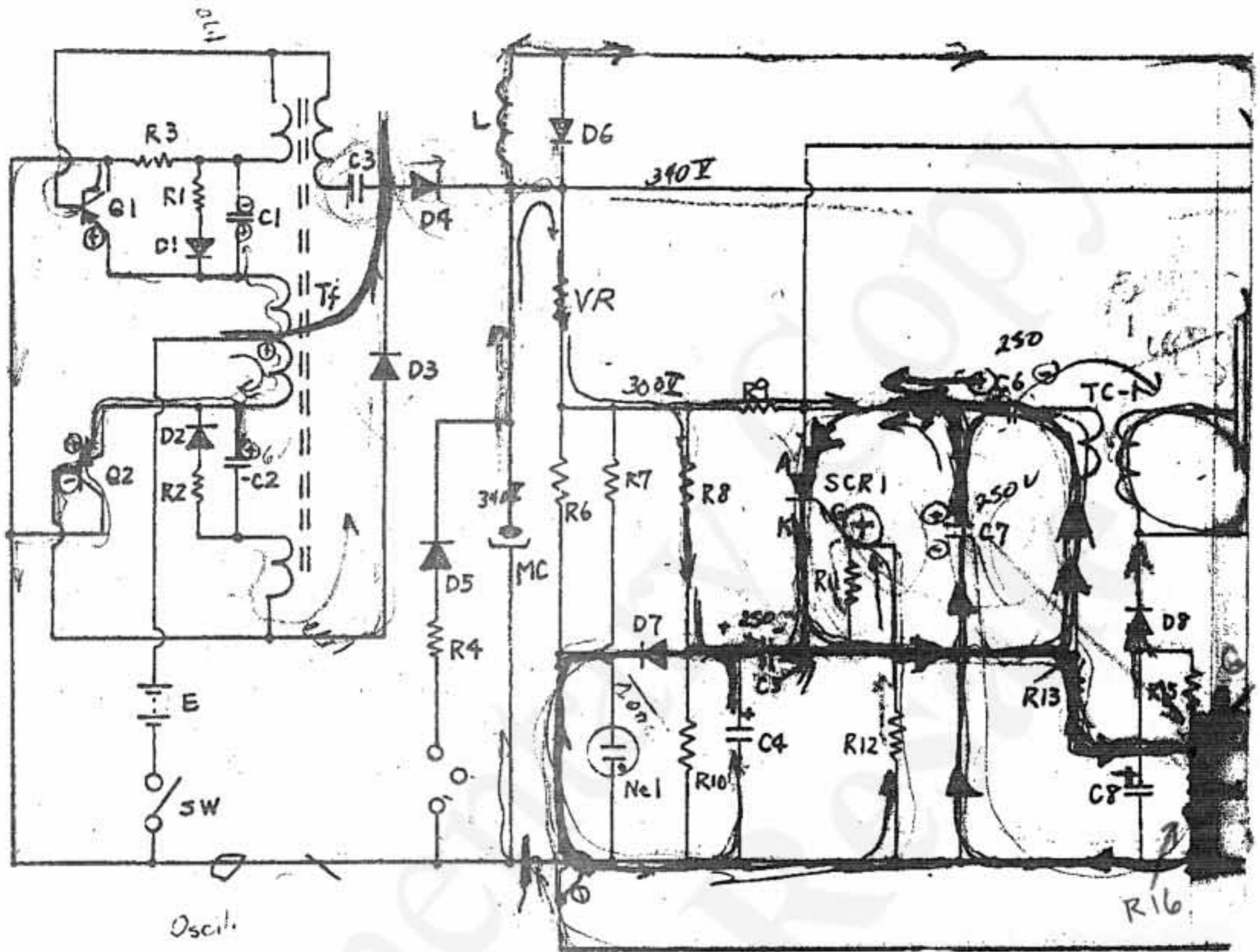
Pg 2 of 2



UP55 45

①～④印は結線ポイント.

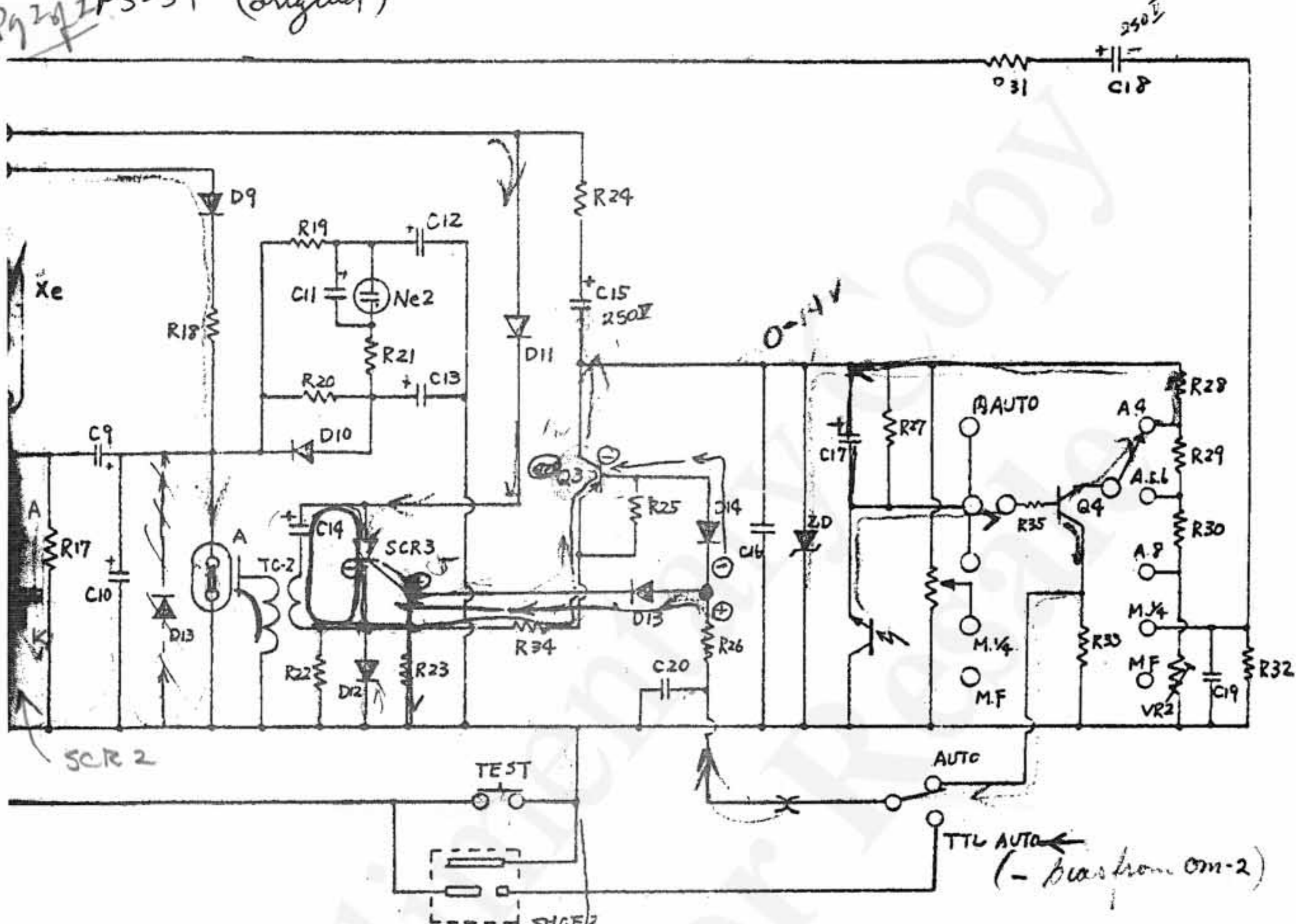
old
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Oscil.

Fl.

Q1	2SB405 (2SB415)	D10	IN4005 (IN4004)	MC	8-520	1000 μ F
Q2	2SB405 (2SB415)	D11	IN4005 (IN4004)	VR-1	SR19R	5.6K Ω
Q3	JA1050 (SPS5430)	D12	IN4005 (IN4004)	VR-2	SR19R	5.6K Ω
Q4	2SC536F	D13	IN4005 (IN4004)	VR		
PT _r	BPY62-II	D14	IN4005 (IN4004)	R1	27 Ω	
SCR-1	CR02AM-6			R2	27 Ω	
SCR-2	CR3DZ-8 (SH3G15)			R3	12K Ω	
SCR-3	CR02AM-6			R4	27 Ω	
		Tf	100-429			
D1	IN60	TC1	100-453	R6	1.2M (1M)	
D2	IN60	TC2	100-455	R7	1.2M (1M)	
D3	IN4005 (IN4004)	L	100-466	R8	3.3M Ω	
D4	IN4005 (IN4004)	Xe	3655G	R9	330K Ω	
D5	IN4005 (IN4004)	A	TOB-700B (T)	R10	330K Ω	
D6	IN4005 (IN4004)	Ne1	NL-240D	R11	1.2K Ω	
D7	IN4005 (IN4004)	Ne2	NE-2B3	R12	5.6K Ω	
D8	IN4005 (IN4004)	SW	SS2204	R13	330 Ω	
D9	IN4005 (IN4004)			R15	3.3K Ω	

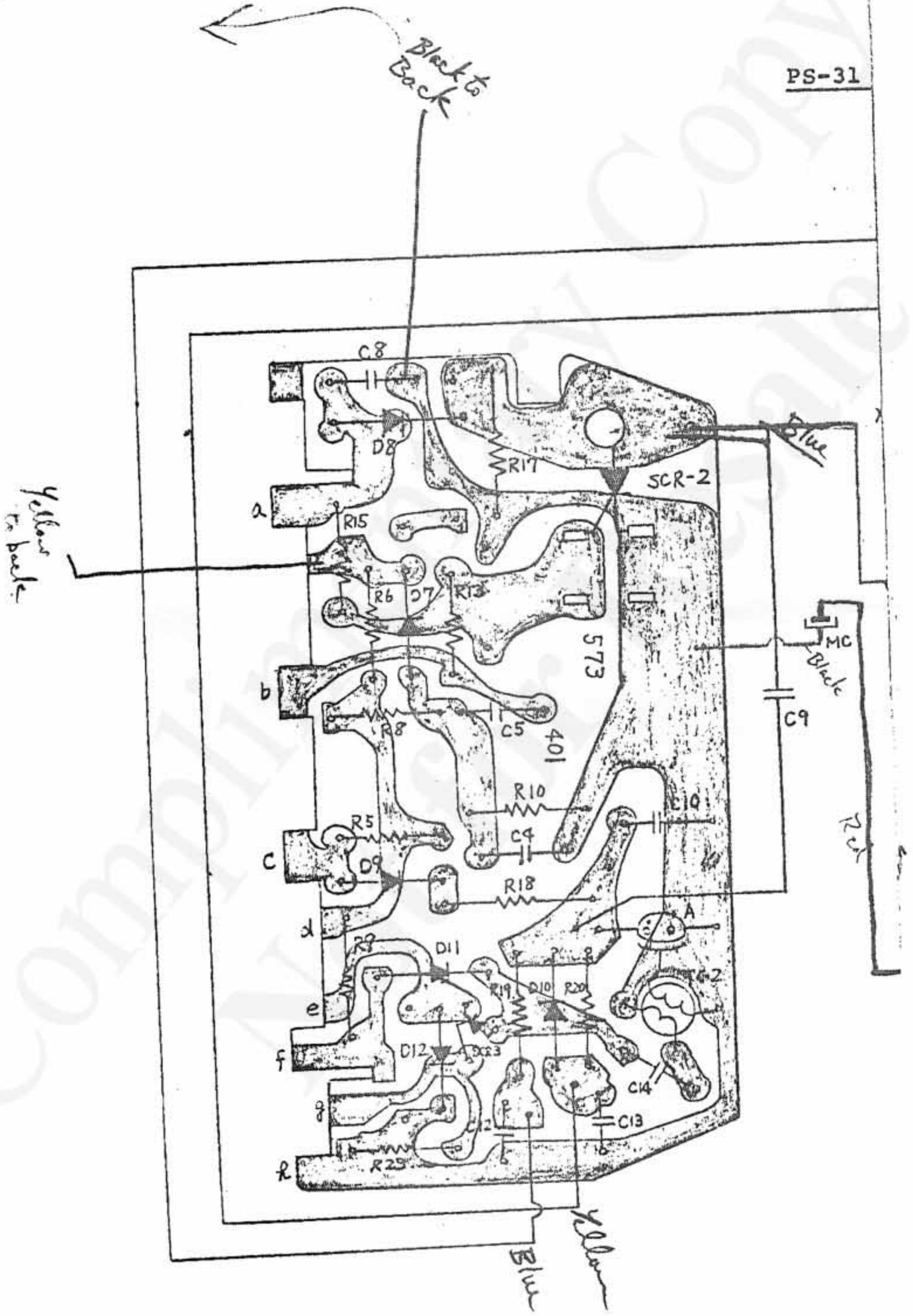


350SV	R16	1.2K Ω	1/4W	R34	1.2K Ω	1/4W	C15	0.1 μ F	250V MKM
	R17	12K Ω	1/2W	R35	5.6K Ω	1/4W	C16	0.018 μ F	250V MKM
	R18	5.6K Ω	1/2W				C17	0.068 μ F	250V MKM
1/4W	R19	3.3M Ω	1/4W	C1	0.22 μ F	10V Aluminium electrolytic capacity	C18	0.1 μ F	250V MKM
1/4W	R20	3.3M Ω	1/4W	C2	0.22 μ F	10V ditto	C19	0.15 μ F	250V MKM
1/4W	R21	2.2M Ω	1/4W	C3	0.22 μ F	100V MKM	C20	0.00 μ F	50V
1/2W	R22	1.2K Ω	1/4W	C4	0.018 μ F	250V MKM			
	R23	1.2K Ω	1/4W	C5	0.018 μ F	250V MKM			
1/4W	R24	12K Ω	1/4W	C6	0.047 μ F	250V MKM			
1/4W	R25	120K Ω	1/4W	C7	0.1 μ F	250V MKM			
1/4W	R26	33K Ω	1/4W	C8	0.22 μ F	100V MKM			
1/4W	R27	33K Ω	1/4W	C9	3.6 μ F	250V MKM			
1/4W	R28	390 Ω	1/4W	C10	0.1 μ F	250V MKM			
1/4W	R29	560 Ω	1/4W	C11	0.15 μ F	100V MKM			
1/4W	R30	1.2K Ω	1/4W	C12	1.5 μ F	315V Electrolytic capacitor			
1/4W	R31	12K Ω	1/4W						
1/4W	R32	120K Ω	1/4W						

C13 1.5 μ F 315V Electrolytic cap

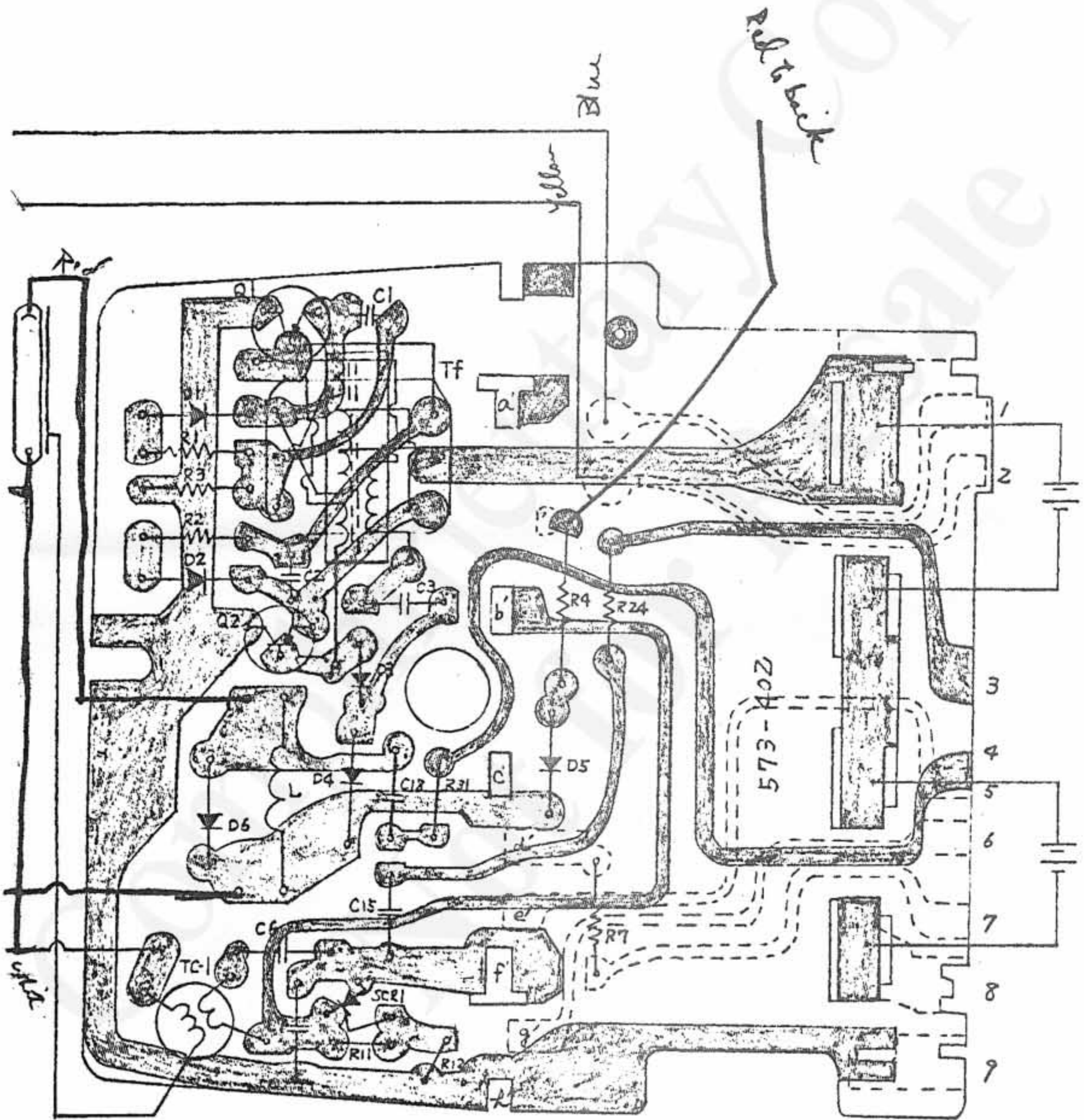
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PS-31



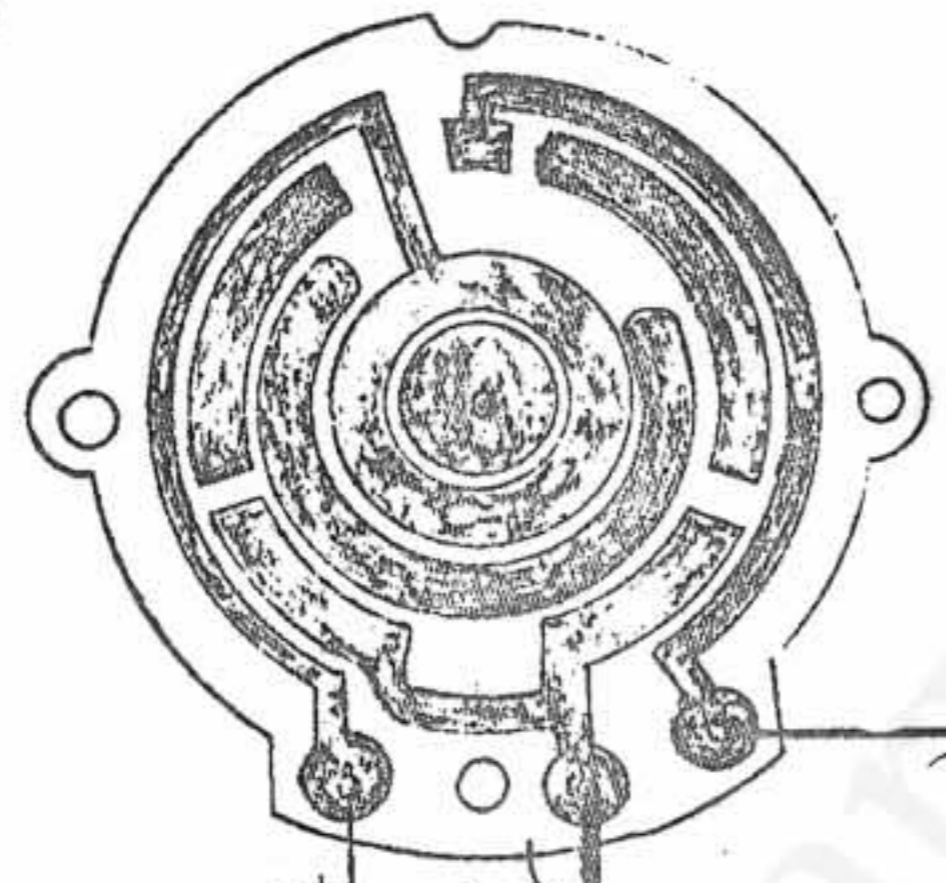
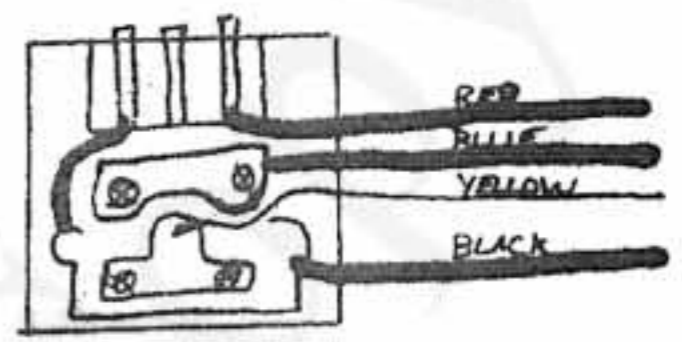
old
Pg 2 of 3

(573) wiring diagram (Original)



old
Pg 3 of 3

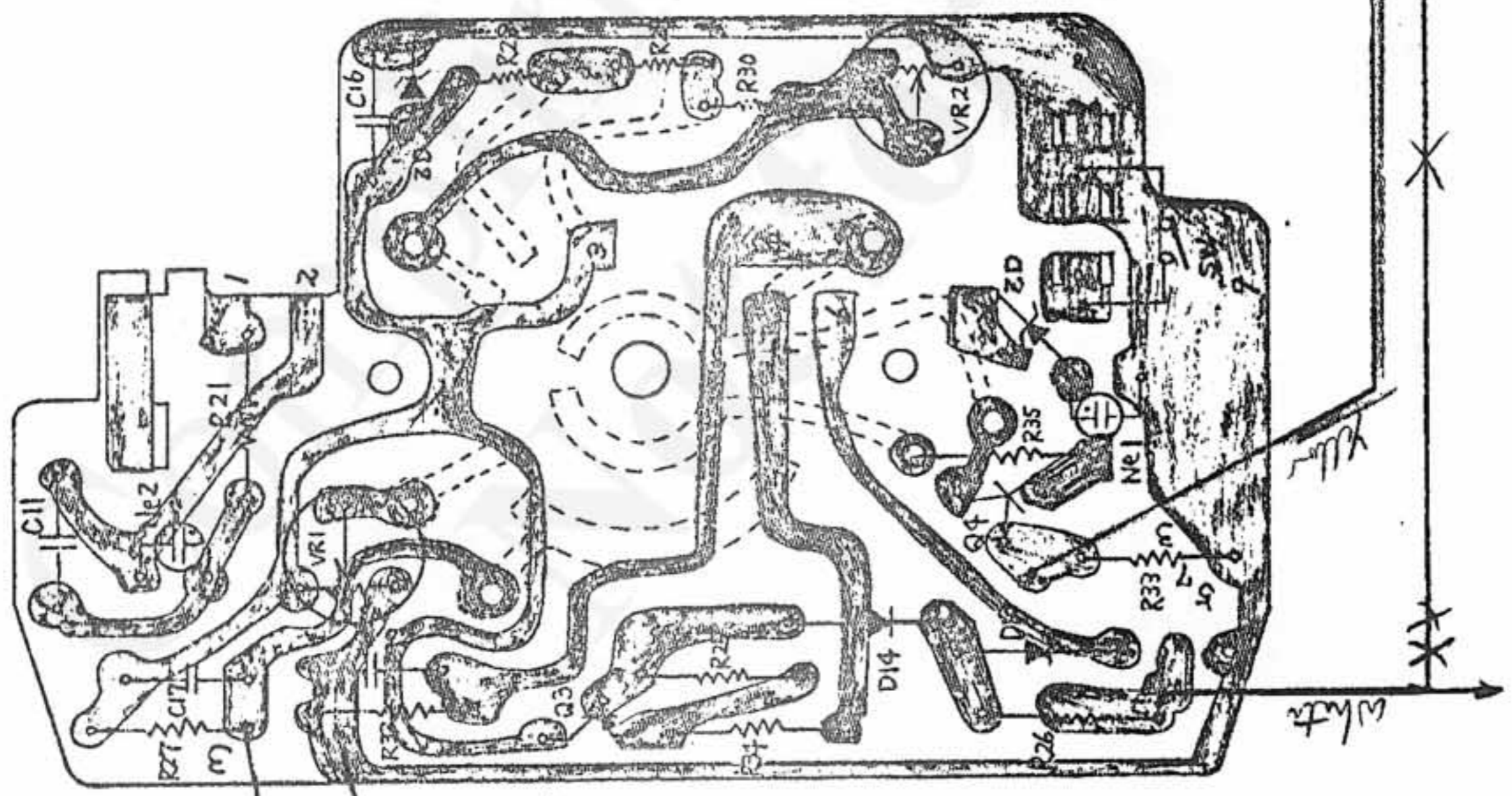
HOT SHOE



Terminal

Blu

Red
Yellow



white shield

310 FLASH TROUBLESHOOTING CHART

Full power at auto

- When using sensor - ok
1. phototransistor, Q4
 2. zeuier diode
 3. FET, Q3
 4. R26, R23

- When using sensor - no good
1. SCR3, C14
 2. TC2

Light blinks

1. C9
2. SCR2, R117
3. C8, D8

Full power sometimes at auto

- When using sensor - no good
1. SCR1, C9, SCR2

- When using sensor - ok
1. R26, R33
 2. FET, Q3

Full power at any setting

- When using sensor - ok
1. Q3.

- When using sensor - no good
1. SCR1
 2. Q3

Minimum power at any setting

- When using sensor - ok
1. Q3, FET
 2. Q4

- When using sensor - no good
1. arrestor, C9, SCR2
 2. SCR3, Q3

Fires by itself

1. SCR1, SCR3
2. arrestor

Remote

*Fires, full power only,
Charge, No ready light,
No V on C-9*

Bad C-9

*very slow charge, full
power, Main & C-9 same V*

Bad Q-tube

Does not fire sometimes

Short A to K of SCR 1 - no good

1. TC1
2. flash tube
3. SCR2

Short A to K of SCR1 - fires

1. SCR1

Fires when switched off

1. crack in board where front board attaches to bottom board

Full power at auto sometimes

When using sensor - ok

1. Q3, FET
2. Q4

When using sensor - no good

Light does not blink

1. SCR3, TC2
2. arrestor

Light blinks

1. C9, SCR2

No charge

High amp draw

1. shorted main capacitor
2. shorted Q1, Q2

Low amp draw

1. open transformer
2. open main capacitor
3. open Q1, Q2