

6-4. SCHEMATIC DIAGRAM • See page 14 for liquid-crystal panel (LCD801)
 • See page 28 for note and IC block diagrams

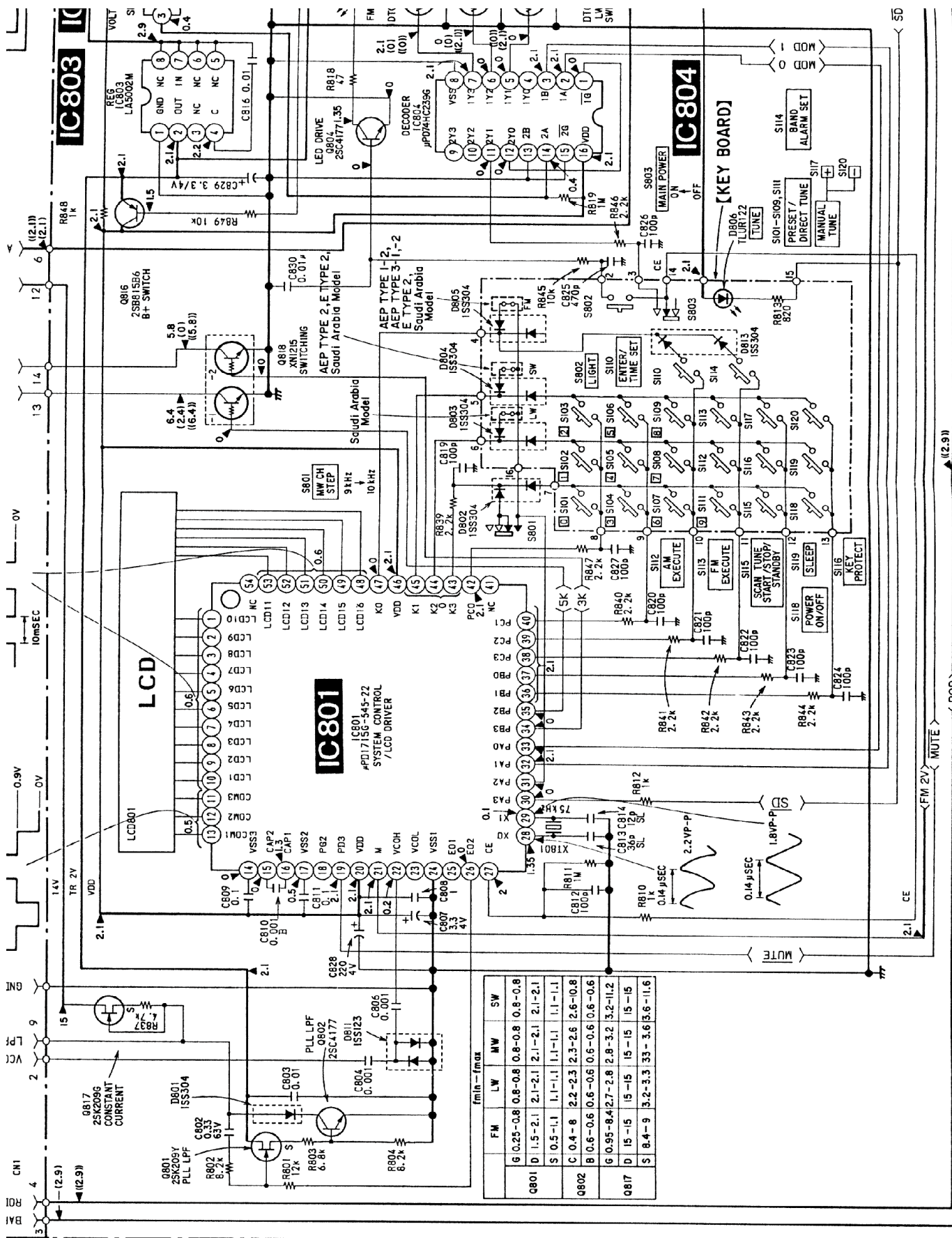
[MAIN BOARD]
 FM OSC

IC803

LCD

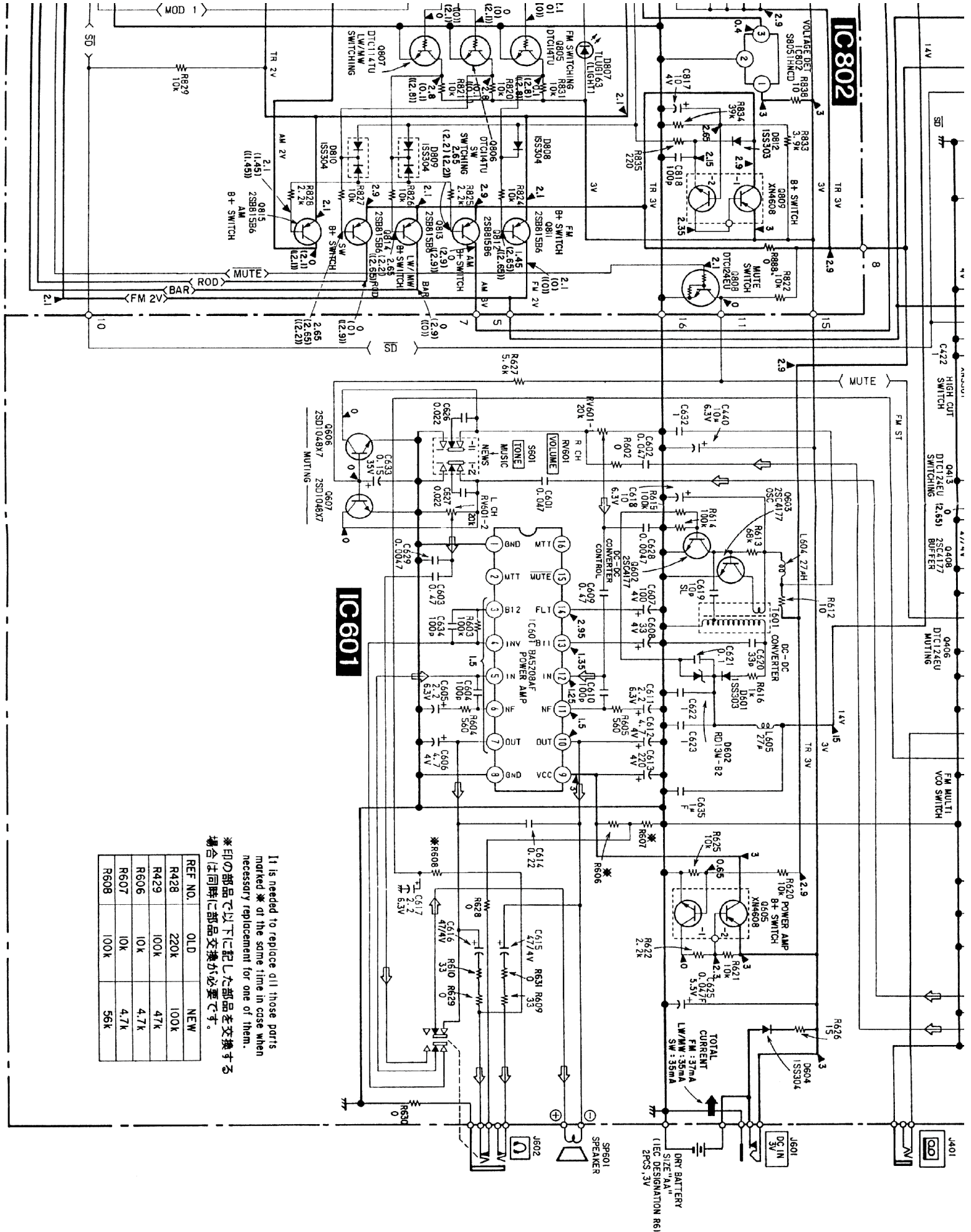
LCD801

9801...



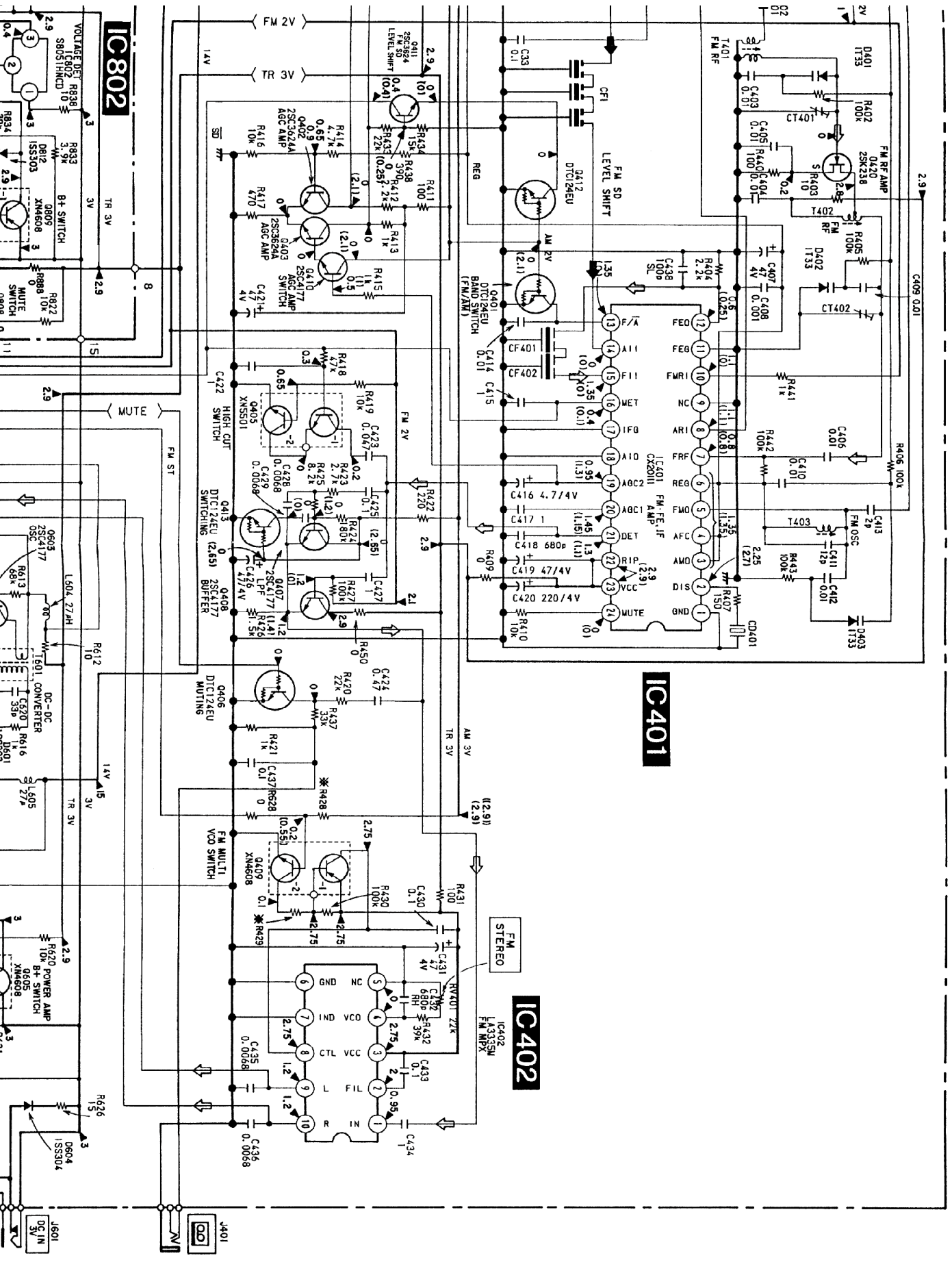
IC	Fmin - Fmax		
	FM	LW	MW
Q801	G	0.25-0.8	0.8-0.8
	D	1.5-2.1	2.1-2.1
	S	0.5-1.1	1.1-1.1
Q802	C	0.4-8	2.2-2.3
	B	0.6-0.6	0.6-0.6
	G	0.95-8.4	2.8-3.2
Q817	D	15-15	15-15
	S	8.4-9	3.2-3.3
			3.6-3.6

[MICRO COMPUTER BOARD]



It is needed to replace all those parts marked * at the same time in case when necessary replacement for one of them. *印の部品で以下に記した部品を交換する場合は同時に部品交換が必要です。


REF. NO.	OLD	NEW
R428	220k	100k
R429	100k	47k
R606	10k	4.7k
R607	10k	4.7k
R608	100k	56k




SPECIFICATIONS

Circuit system	FM: Superheterodyne AM: Dual, conversion superheterodyne	Weight	Approx. 230 g (5 lb 6.5 oz) including batteries
Frequency range	FM: 76 – 108 MHz (TYPE 1) 87.5 – 108 MHz (TYPE 2 to 4) LW: 150 – 528 kHz (TYPE 1 to 3) 150 – 285 kHz (TYPE 4) MW: 531 – 1,611 kHz (at MW channel step selector set to 9 kHz) 530 – 1,610 kHz (at MW channel step selector set to 10 kHz) SW: 1,615 – 29,995 kHz (TYPE 1, 3) 1,615 – 26,100 kHz (TYPE 2, 4)	Accessories supplied	AC power adaptor (1, except for Australian model) Stereo earphones (1) Antenna controller (1) Antenna module (1) Carrying case (soft ... 1 hard ... 1) AC plug adaptor (1, except for UK model) Suction cup (1) Carrying belt (1)
Antennas	Telescopic antenna (FM/SW) Built-in ferrite bar antenna (MW/LW) Active antenna (LW/MW/SW)	Optional accessories Car battery cord Connecting cord	DCC-127A, DCC-240 RK-135A (miniplug to stereo miniplug)
Speaker	Approx. 66 x 35 mm (2 ⁵ / ₈ inches x 1 ¹ / ₂ inches) 8 ohms		
Power output Outputs	250 mW (at 10% harmonic distortion) Recording output jack (minijack) output level 0.775 mV (–60 dB) output impedance 1 kilohm Headphone jack (stereo minijack) for 18 ohm stereo earphones		
Power requirements	Radio: 3 V dc Two size AA (R6) batteries Supplied AC power adaptor (110, 120, 220 or 240 V ac adjustable, 50/60 Hz) Optional DCC-127A car battery cord for use with 12 V car battery		
Battery life	Radio: approx. 12 hours of listening for four hours a day at a normal volume, using Sony SUM-3 (NS) batteries		
Dimensions	Approx. 118.2 x 71.4 x 23.7 mm (w/h/d) (4 ³ / ₄ x 2 ⁷ / ₈ x 1 ⁵ / ₁₆ inches) including projecting parts and controls		

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK  ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!

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FM STEREO/LW/MW/SW PLL SYNTHESIZED RECEIVER SONY®