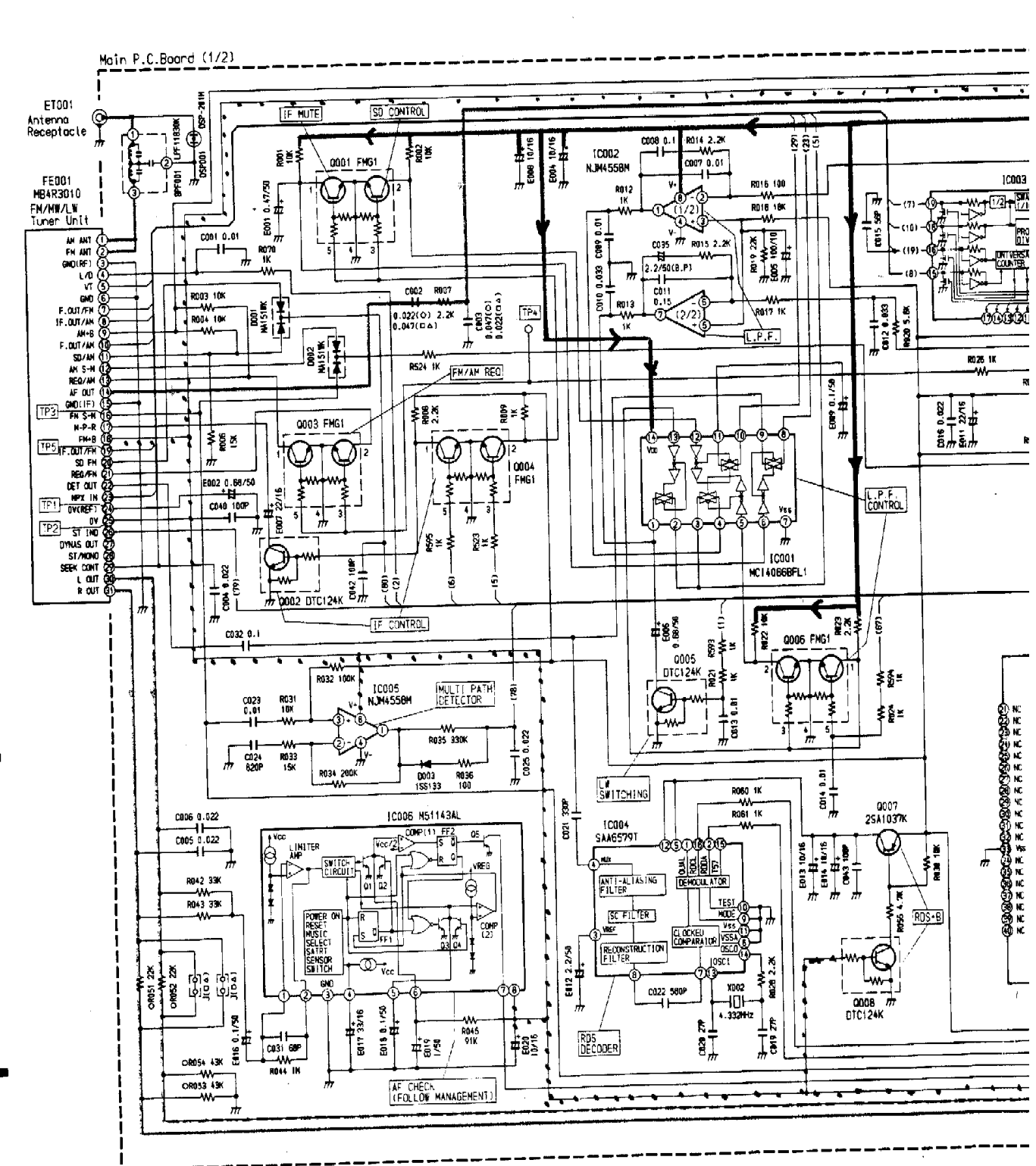
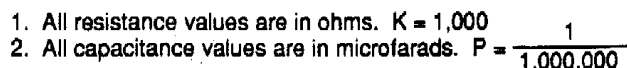


# Schematic Diagram (1/3)

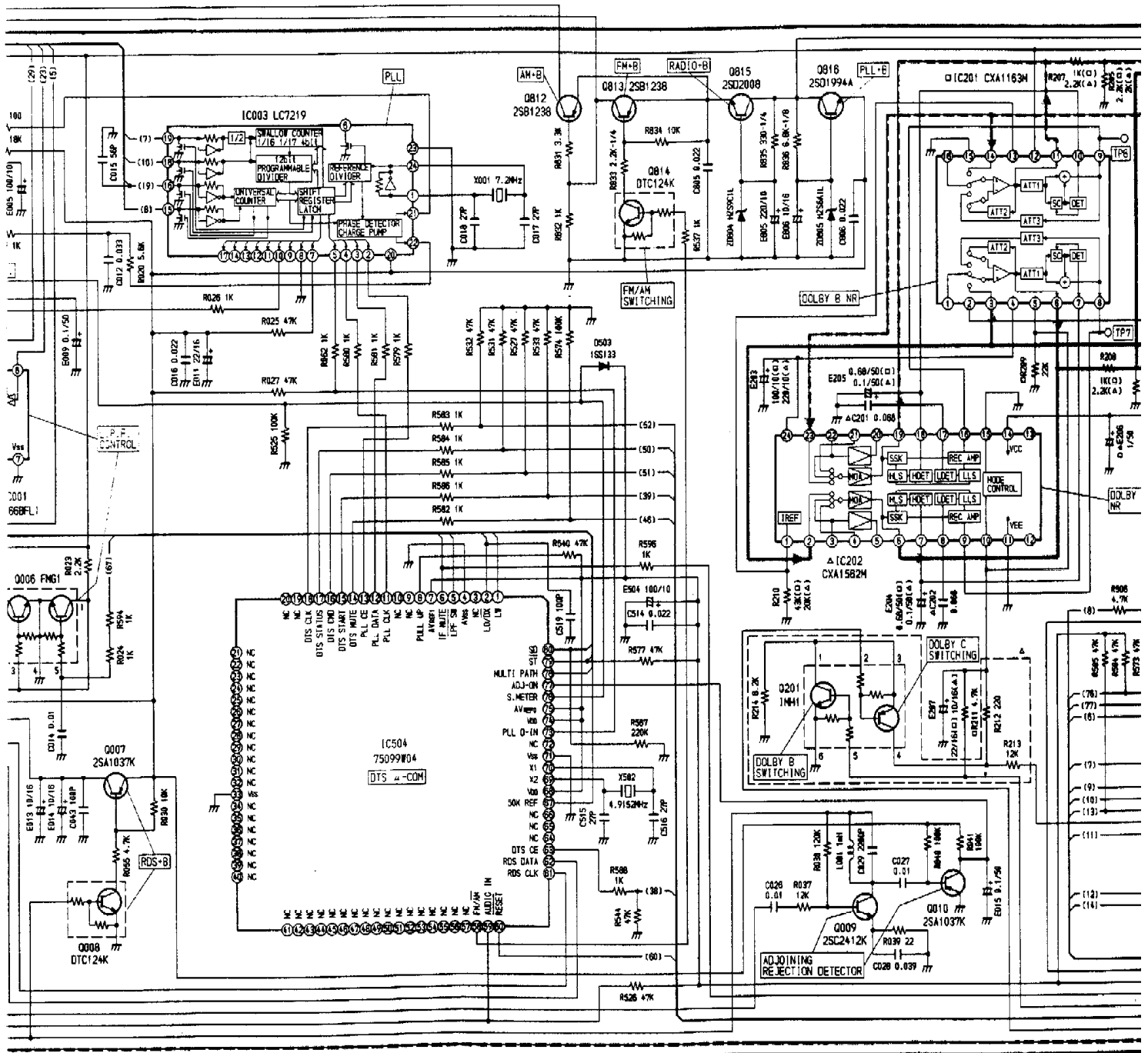
IC	IC005 IC006	IC002 IC004	IC001	IC003
Transistor (Q)	Q002 Q003 Q001	Q004	Q005 Q006	Q007 Q008

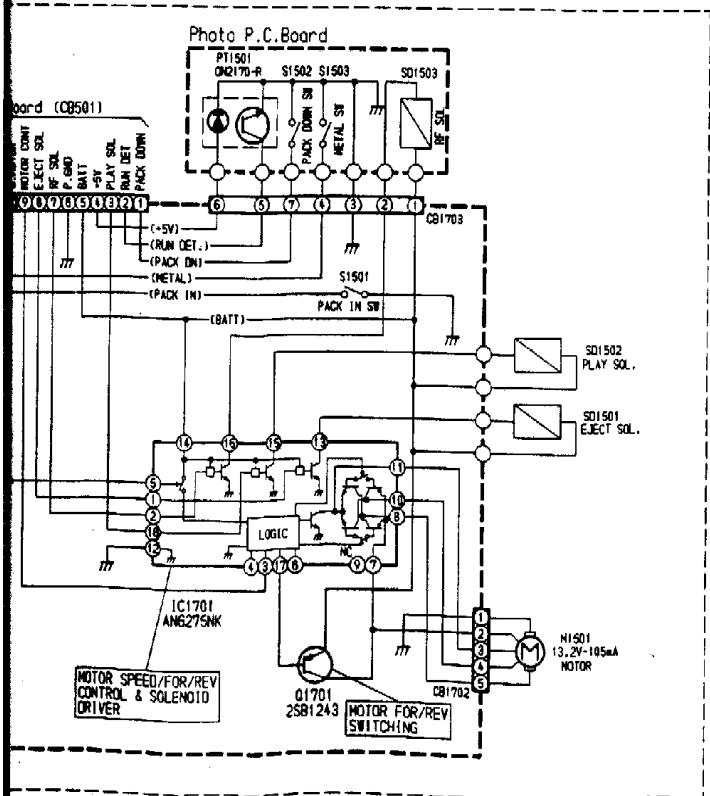






1C001





		MODE
1~56	PS	
56	5.5V	
57	0V~5V	IMH
58	—	
59	—	
60	0V	
61	PS	OSC
62	0V~5V	CE
63	0V~5V	CLK
64	0V~5V	DATA

1	0V~5V
2	0V
3	5V

1	13.1V	9	2.9V
2	3.1V	10	—
3	4.9V	11	2.9V
4	3.1V	12	2.9V
5	2.9V	13	2.9V
6	2.9V	14	3.1V
7	2.9V	15	0.1V
8	0V	16	3.1V

1	10.2V	9	2.9V
2	3V	10	—
3	5.1V	11	2.9V
4	3V	12	2.9V
5	2.9V	13	2.9V
6	2.9V	14	3V
7	2.9V	15	0V
8	0V	16	3V

1	0V	10	13.9V
2	0V	11	8.1V
3	5.1V	12	0V
4	—	13	14V
5	5.1V	14	14V
6	—	15	0.2V
7	13.9V	16	14V
8	8.2V	17	13.2V
9	—	18	5.1V

1	1.41V
2	1.38V
3	0V
4	1.31V
5	0.02V
6	0.02V
7	0.05V
8	14.01V

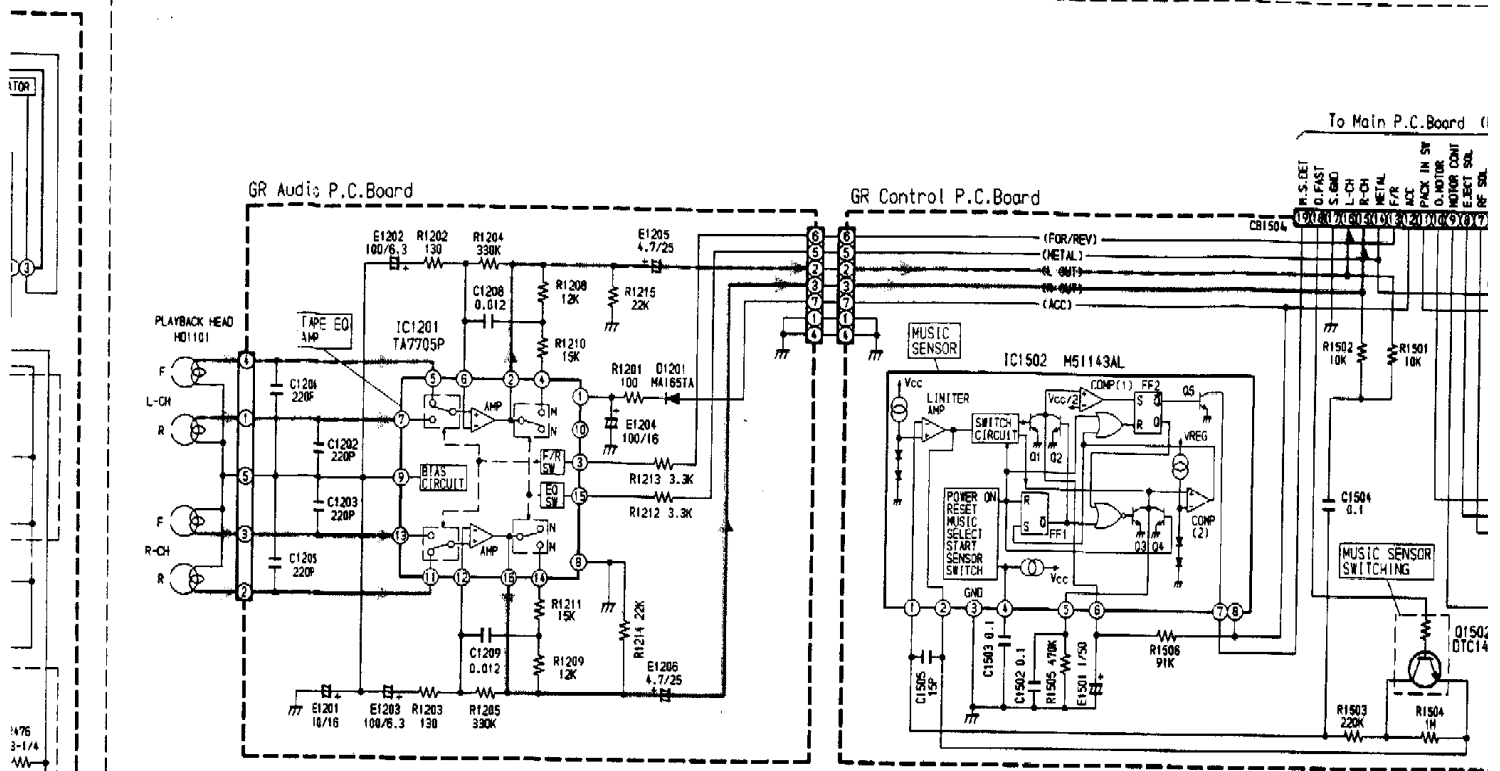
1	0V	10	11.9V
2	0V	11	5.7V
3	5.1V	12	0V
4	—	13	12V
5	5.1V	14	12V
6	—	15	0.2V
7	11.9V	16	12V
8	5.7V	17	11.3V
9	—	18	5.1V

- Power Supply Voltage : DC14.4V
- Measuring Meter : Digital Multi Meter
- Measuring Point Reference : Between Ground
- Measuring Conditions : FM : 98.1MHz, 1W Output  
MW : 999kHz, 0.16W Output  
LW : 216kHz, 0.16W Output  
TAPE : MTT-212, 1W Output

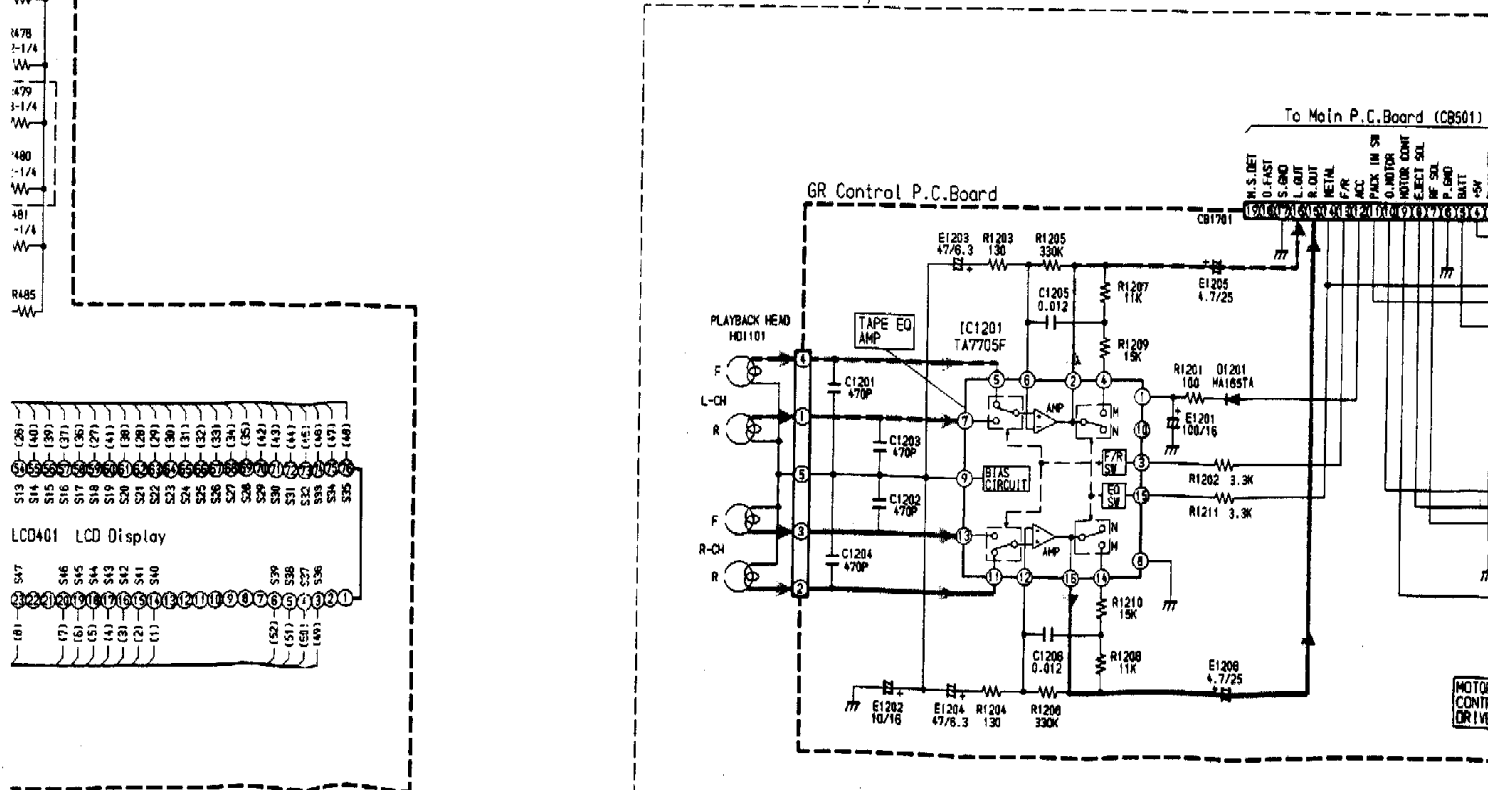
**NOTES:**

1. All resistance values are in ohms.  $K = 1,000$   
2. All capacitance values are in microfarads.  $P = \frac{1}{1,000,000}$

TDM-7532R(□), TDM-7535R(Δ) Model Only



TDM-7531R(O) Model Only







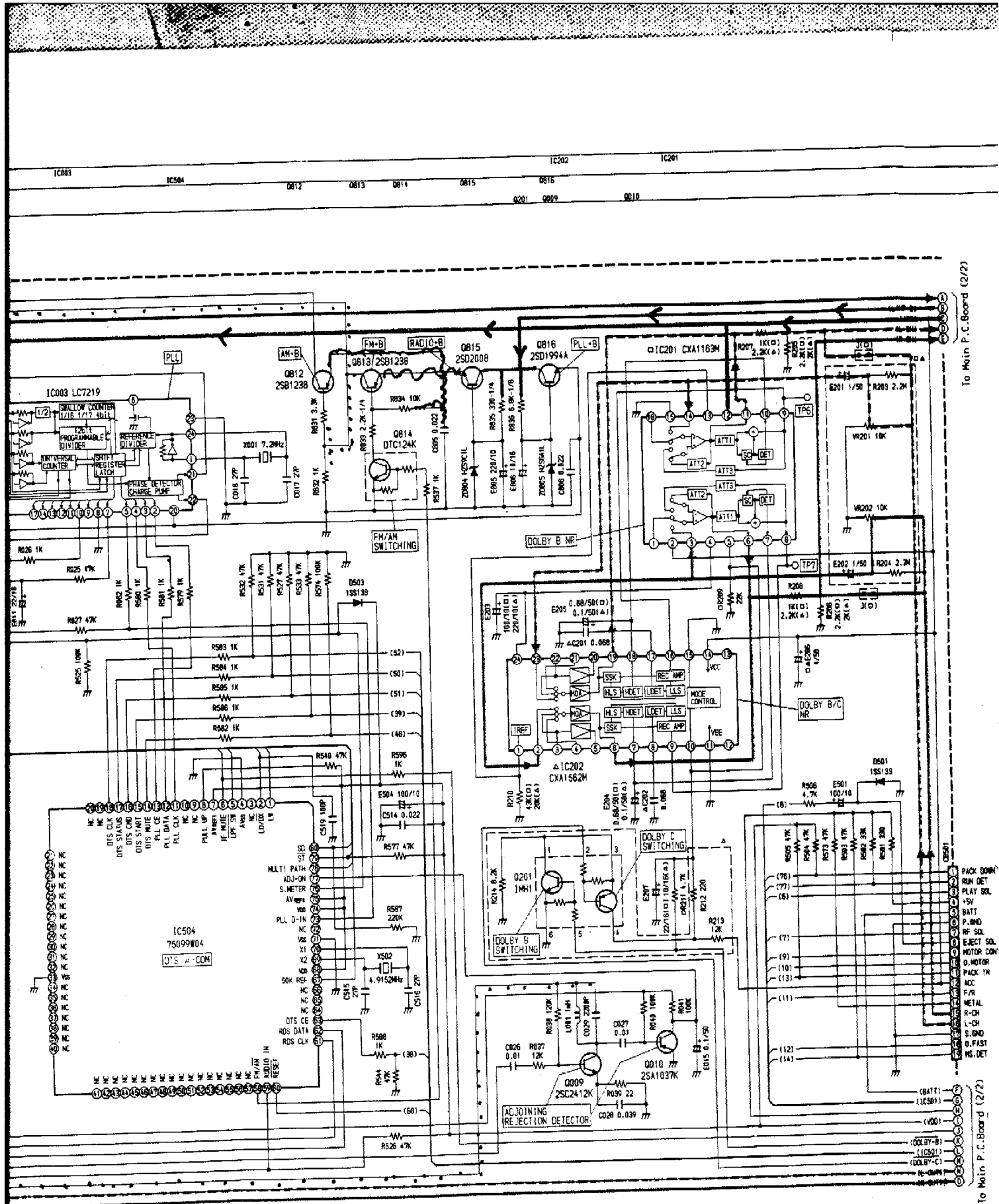
## 1

2

**TDM-7531R/  
7532R/7535R**







To Main P.C. Board (2/2)

To Main P.C. Board (2/2)

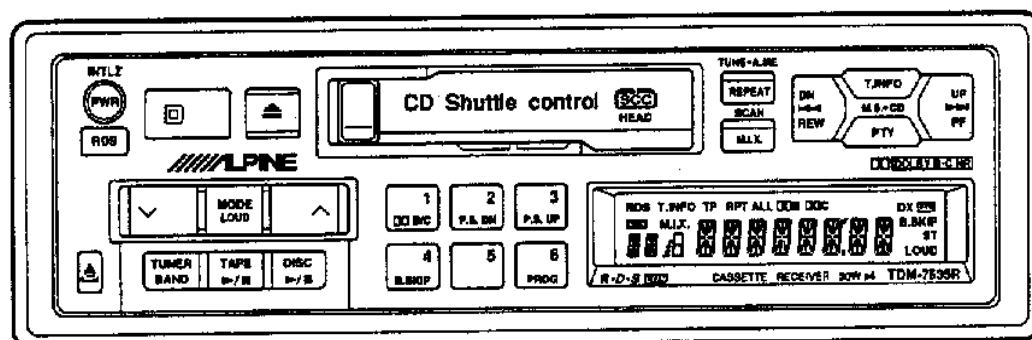
**ALPINE®**

# **SERVICE MANUAL**

## **FM/MW/LW/RDS Cassette Receiver**

### **CD Shuttle Controller**

- For the cassette deck mechanism parts (GR75H110/120) of this model, refer to the Service Manual • GR/GR-Y Series (68P20504W07).



**TDM-7531R/TDM-7532R**  
**TDM-7535R**