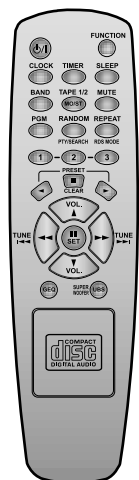
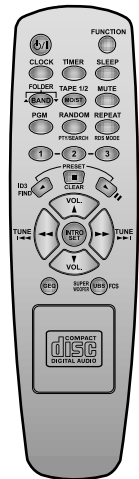
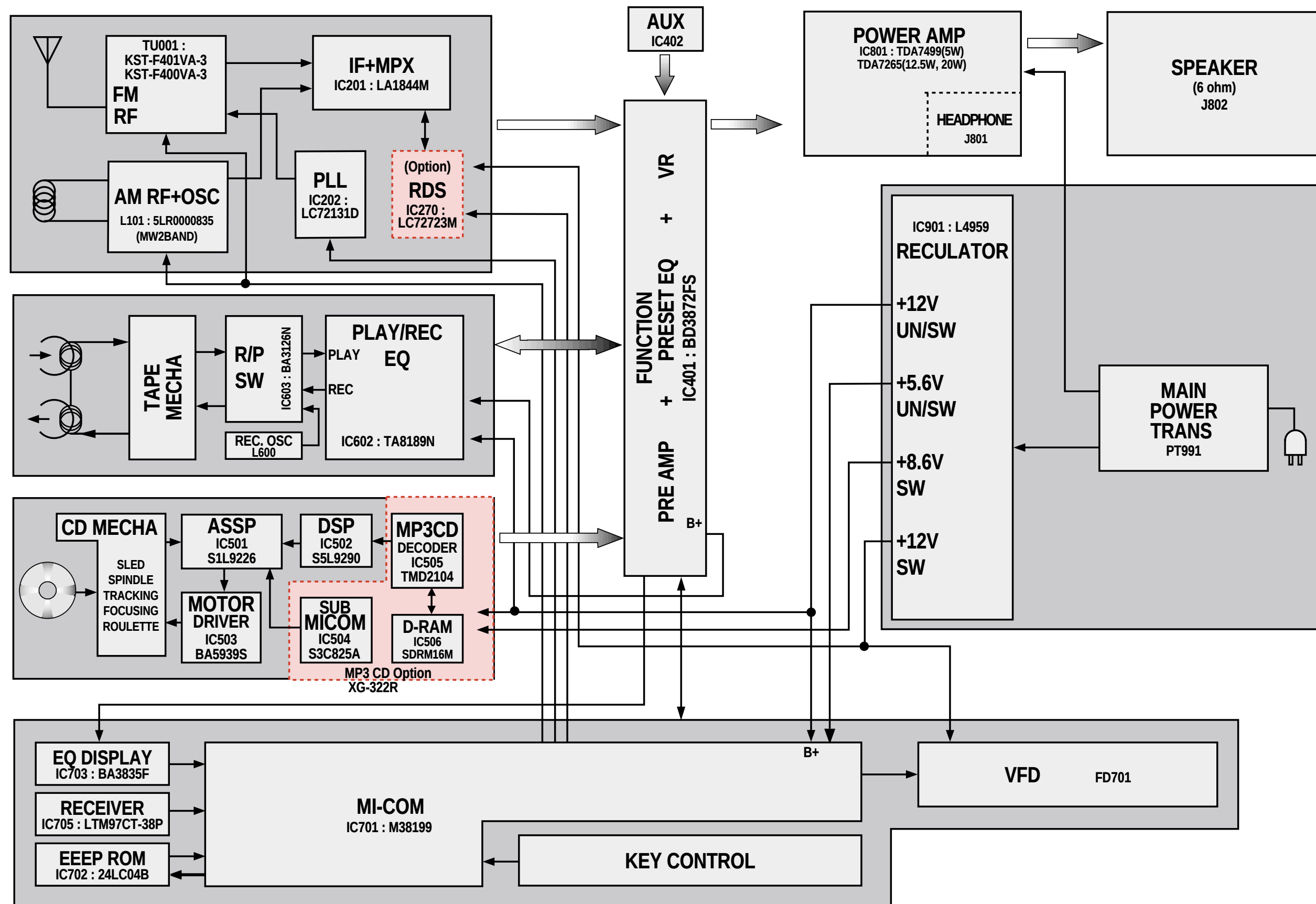


Model: XG-322R

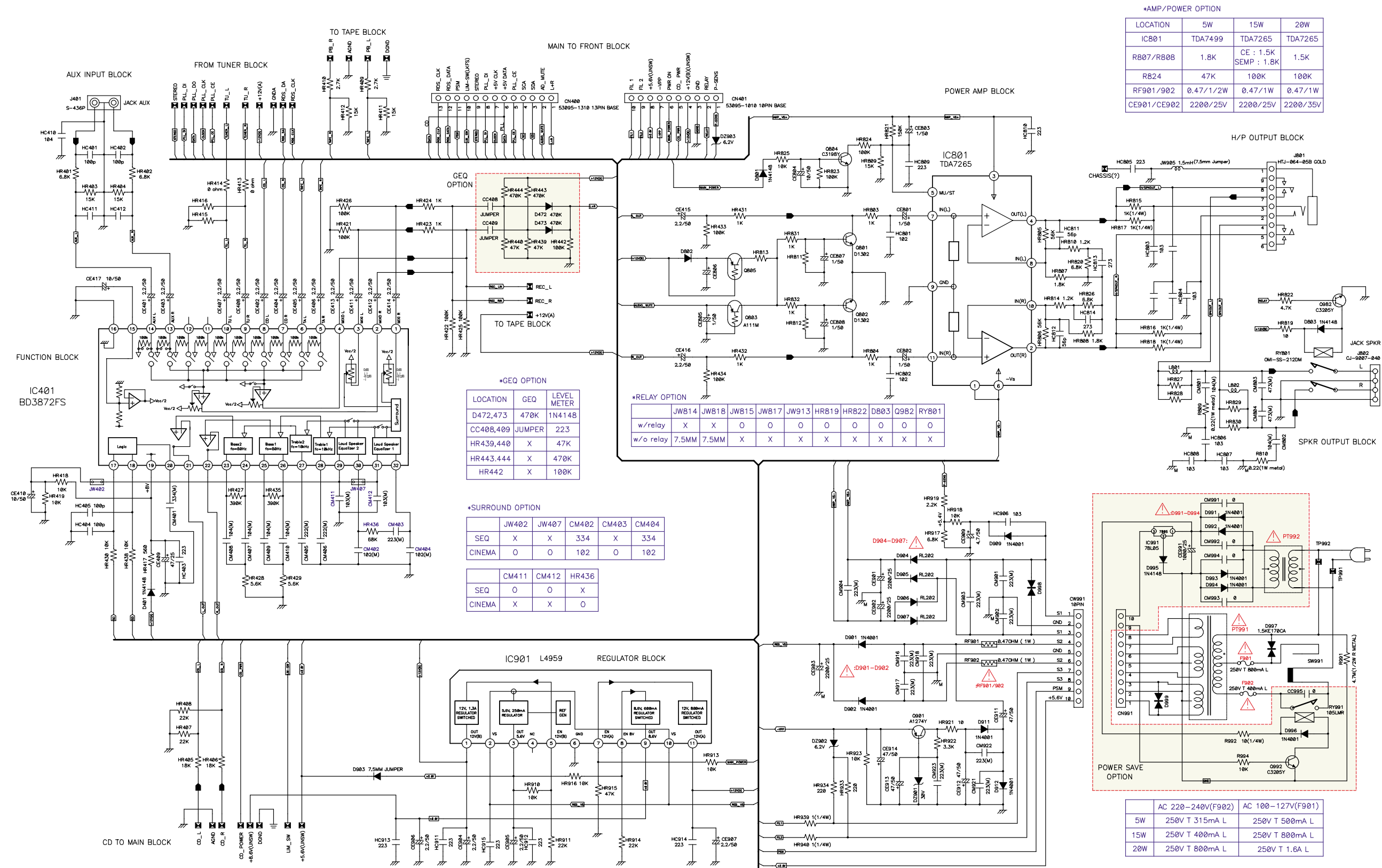


Block Diagram



Schematic Diagram

● Main

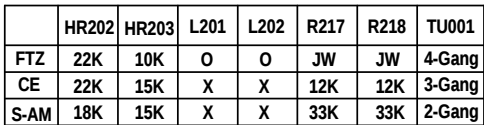


BEFORE RETURNING THE RECEIVER TO CUSTOMER, APPROPRIATE LEAKAGE CURRENT OR RESISTANCE SHOULD BE CONDUCTED TO DETERMINE THAT EXPOSED PARTS ARE PROPERLY INSULATED FROM THE SUPPLY CIRCUIT

NOTE : THE COMPONENTS IDENTIFIED BY MARK  ARE CRITICAL FOR SAFETY REPLACE ONLY WITH SAME TYPE PARTS SPECIFIED

WARNING : FOR CONTINUED SAFETY, REPLACE SAFETY CRITICAL COMPONENTS ONLY WITH MANUFACTURE'S RECOMMENDED PARTS

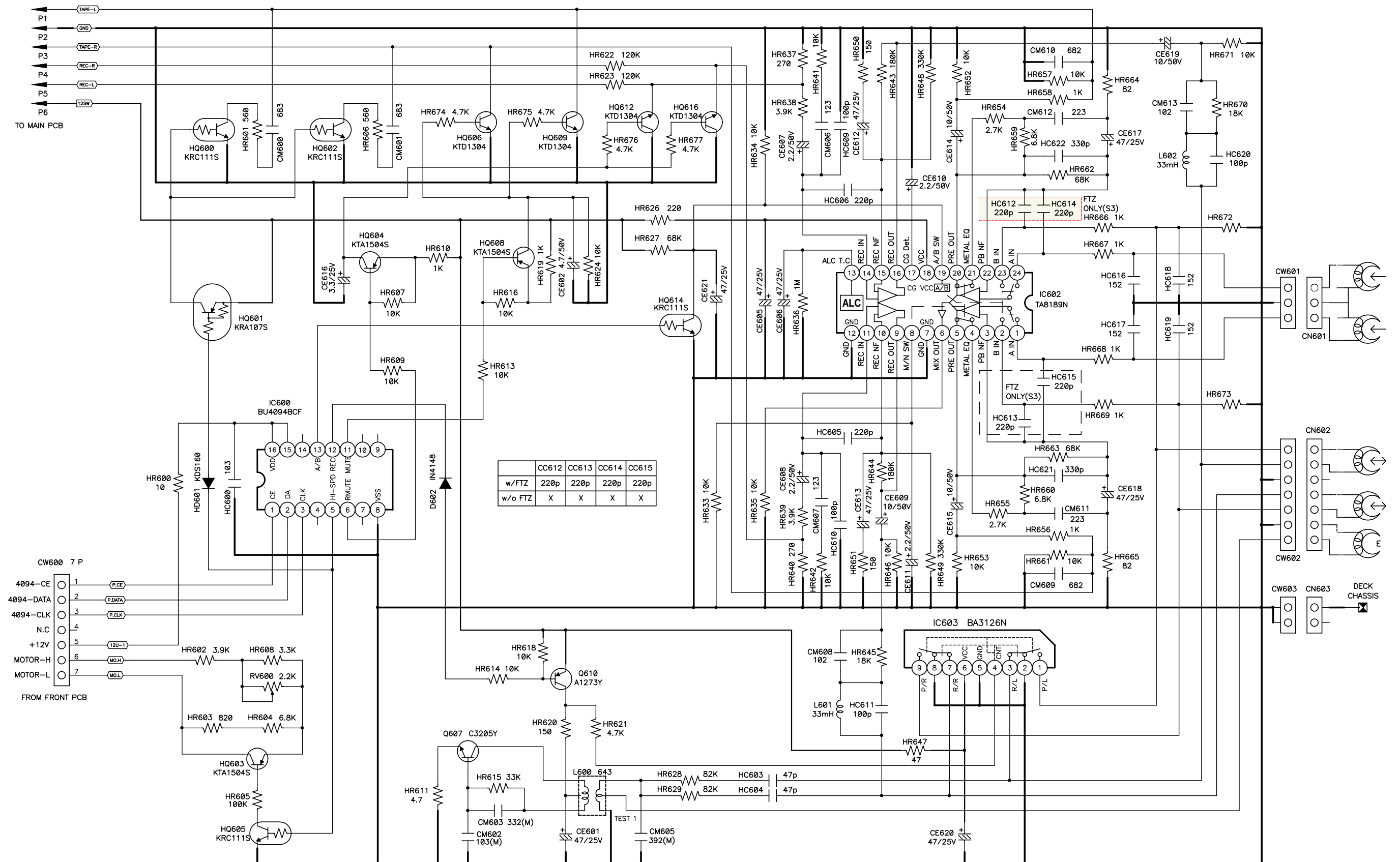
- **Tuner**



Name		Q001	Q003	Q104	IC205	REMARK
Vtg(V)	E(1)	0	12	0	12	BASIC : FM
	C(2)	0	12	0	GND	
	B(3)	0	0	12	5	

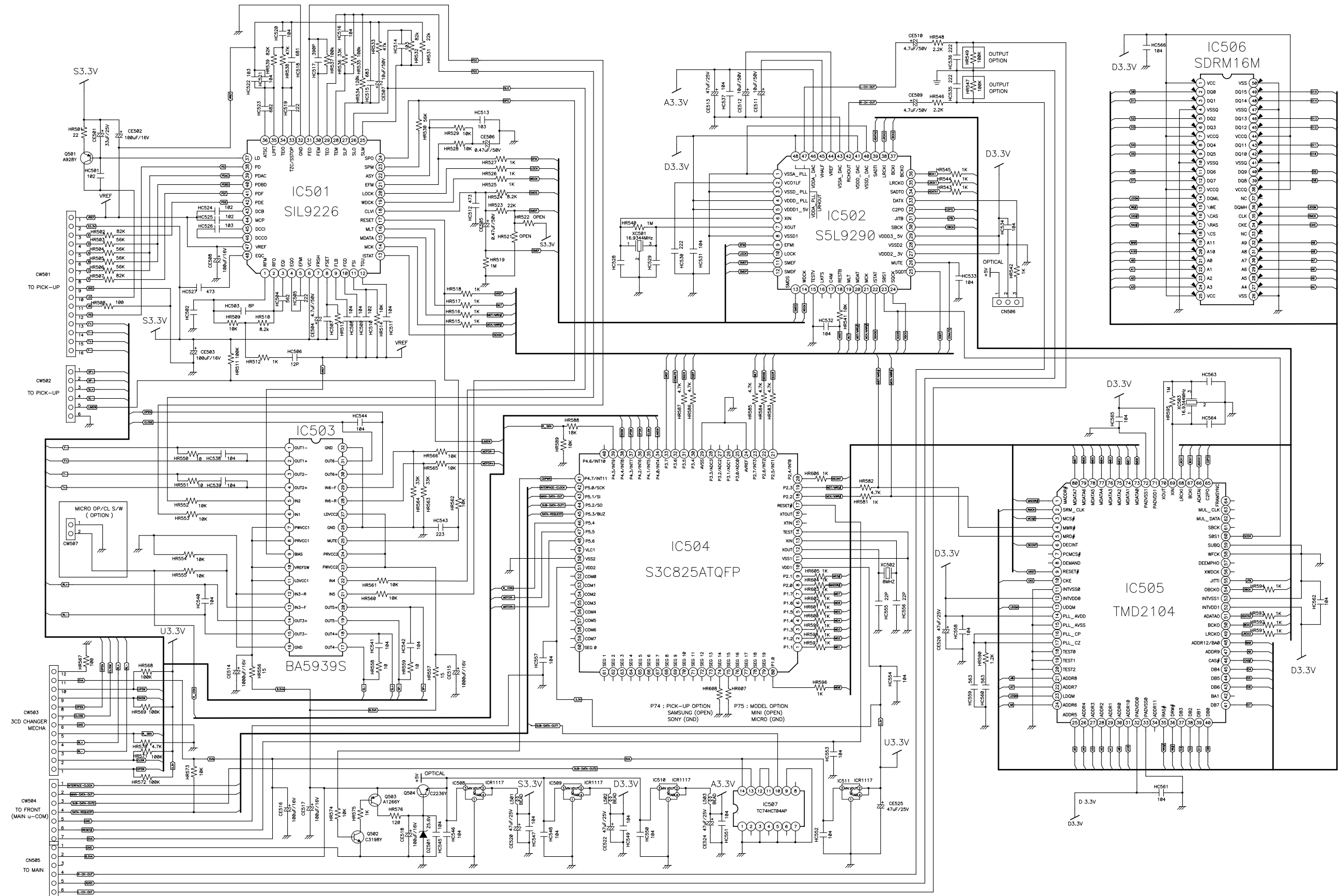
Schematic Diagram

● Tape



Schematic Diagram

● MP3 CD



Schematic Diagram

● Front

* FCS/MUTE key option table

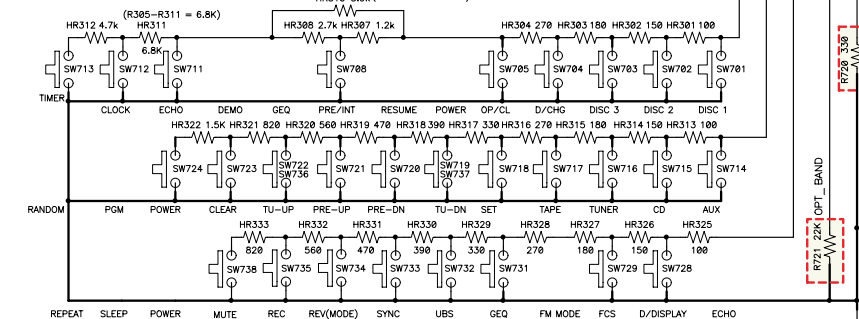
	HR333	JW318	JW321	JW322
FCS	X	6MM	X	X
MUTE	B20	X	12.5MM	6MM

* CLOCK/ECHO key option table

	SW711	SW712	HR310	HR311	HR312
ECHO	O	X	3.9K	X	6.8K
CLOCK	X	O	X	6.8K	4.7K

* JOG OPTION TABLE

	SW720	SW721	SW736	SW737	JW319	JW320	JW767	JW769	JW770	JW771	IC704
W JOG	O	O	X	X	X	X	X	O	O	X	O
W/O JOG	X	X	O	O	O	O	O	X	X	O	X
W JOG	JW772	JW778	JW787	HC728	HC729	HC730	HQ718	HR777	LD713	VR702	
W/O JOG	X	X	O	O	O	O	O	O	O	O	O
W/O JOG	O	O	X	X	X	X	X	X	X	X	X



* TUNER BAND OPTION

Version	America 1/12Hz	America 2/12Hz	Eur 2Band /24Hz	Japan /12Hz	Asia 1/12Hz	Asia 2/24Hz	CIS /24Hz	Latin Am /12Hz	Eur Rds 2b/24Hz
BAND	FM 87.5-108/100	FM 87.5-108/1200	FM 87.5-108/50	FM 76-108/100	FM 87.5-108/100	FM 87.5-108/100	FM 87.5-108/100	FM 87.5-108/100	FM 87.5-108/50
FM(MHz)/Step	FM 87.5-108/100	FM 87.5-108/1200	FM 87.5-108/50	FM 76-108/100	FM 87.5-108/100	FM 87.5-108/100	FM 87.5-108/100	FM 87.5-108/100	FM 87.5-108/50
FM(MHz)/Step	FM 87.5-108/100	FM 87.5-108/1200	FM 87.5-108/50	FM 76-108/100	FM 87.5-108/100	FM 87.5-108/100	FM 87.5-108/100	FM 87.5-108/100	FM 87.5-108/50
MW(KHz)/Step	AM 530-1710/10	AM 530-1710/10	MW 522-1620/9	AM 522-1620/9	AM 522-1620/9	AM 522-1620/9	AM 522-1620/9	AM 530-1620/10	MW 522-1620/9
R721	Jump	330	1.2K	1.8K	2.7K	3.9K	6.8K	10K	22K

IC701
M38199-12.5/30/50W

* OPTION TABLE

JUMPER	D/W cd, A/S, w/LED, w/o MP3
330 ohm	D/W cd, A/S, w/o LED, w/o MP3
680 ohm	D/W cd, A/R, w/LED, w/o MP3
1.2k ohm	D/W cd, A/R, w/o LED, w/o MP3
1.8k ohm	D/W cd, A/R, w/o LED, w/o MP3
2.7k ohm	D/W cd, A/R, w/o LED, w/o MP3
3.9k ohm	S/S cd, A/S, w/LED, w/o MP3
6.8k ohm	S/S cd, A/S, w/o LED, w/o MP3
10k ohm	S/S cd, A/R, w/LED, w/o MP3
15k ohm	S/S cd, A/R, w/o LED, w/o MP3
22k ohm	S/S cd, A/R, w/o LED, w/o MP3
47k ohm	S/S cd, A/R, w/o LED, w/o MP3

* GEQ OPTION

*Function LED option

W/LED	JW766
X	
W/O LED	O

* PSM OPTION

HR774	HR775	LD716	HQ717	HR776	Q717
W/PSM	O	O	O	X	O
W/O PSM	X	X	X	O	X

* PSM OPTION TABLE

HR774	HR775	LD716	HQ717	HR776	Q717
W/PSM	O	O	O	X	O
W/O PSM	X	X	X	O	X