

Service Sheet of MC-64B chassis

P/N: 3854VA0021A-S
DATE: APRIL 07, 1997

NOTICE
Since this is a basic schematic diagram, the value of components and some partial connection are subject to be changed for improvement without notice.

The components marked Δ conform VDE or IEC guidelines and essential for safe operation of the TV receiver. While those marked Δ are required for correct operation. Use specified parts only when replacing.

VALUE OF RESISTOR, CAPACITOR AND INDUCTOR

- Resistance is shown in ohm, K=1,000 M=1,000,000.
- Unless otherwise noted in schematic, all capacitor values less than 1 are expressed in uF and the values more than 1 are in pF.
- Unless otherwise noted in schematic, all inductor values are expressed in uH.

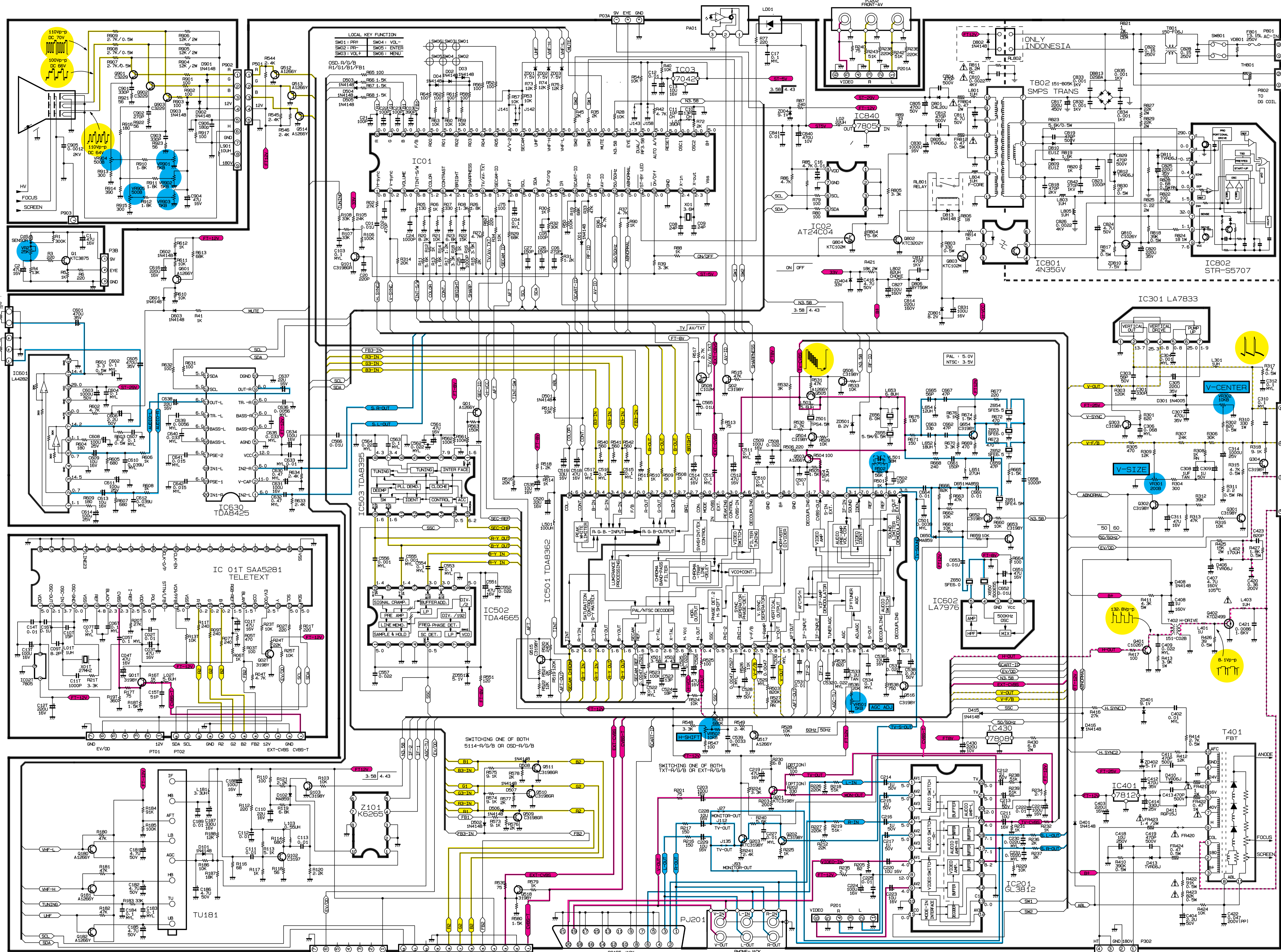
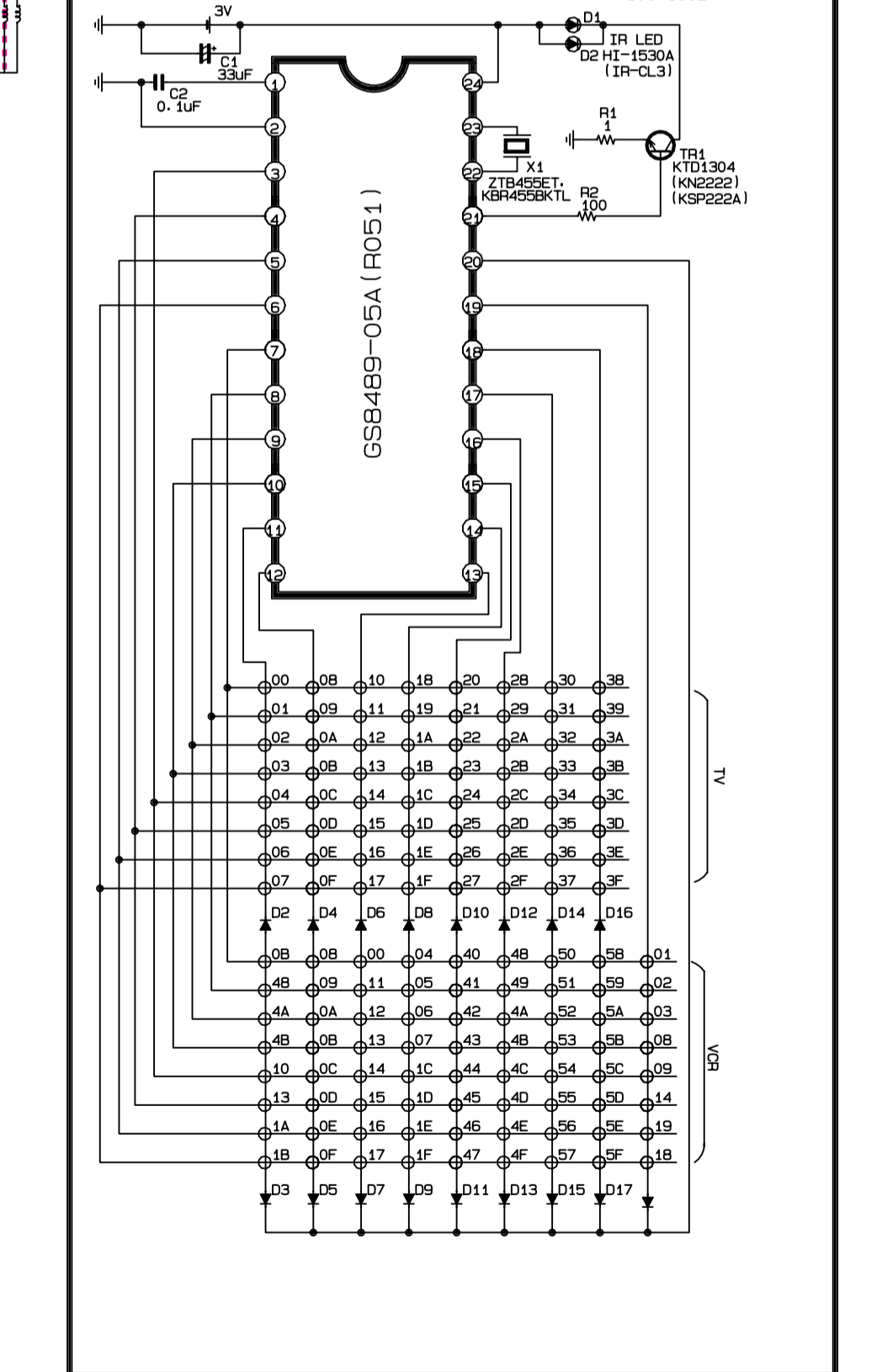
OBSERVATION OF VOLTAGE AND WAVEFORMS

- Voltages read with VTVM from point to ground line voltages 180 - 270 volts; color bar signal.
- Voltages reading may vary +/- 20 %.
- The schematic shown is representative only.
- All waveforms are taken using a wide band oscilloscope and a low capacity probe.
- Check FINE TUNING, AGC, BRIGHTNESS, CONTRAST and COLOR controls for best picture, make sure that BRIGHTNESS and COLOR controls are in mid position and CONTRAST controls is almost in maximum position.
- Waveforms are taken using a standard color signal.

TABLE OF INCH CONVERSION (* : changing parts)

CIRCUIT NO.	INCH		REMARK
	20"	21"	
T401	154-375H	154-375F	FBT
T802	151-805L	151-805L	SMP5 TRANS
C420	0.35uF 200V	0.47uF 200V	MPP TYPE
R304	300 1/8W	350 1/8W	FD TYPE
R303	120K 1/8W	91K 1/8W	FD TYPE
R503	820K 1/8W	680K 1/8W	FD TYPE
R422	91K 1/2W	79K 1/2W	FD TYPE

SCHEMATIC DIAGRAM OF REMOTE CONTROL P/N: 105-158L



SCART JACK PIN FUNCTION

PIN NO.	FUNCTION	PIN NO.	FUNCTION	PIN NO.	FUNCTION
1	R-OUT	8	SCART-ID	15	OPEN
2	G-TR	9	END	16	OPEN
3	L-OUT	10	OPEN	17	GND
4	GND	11	OPEN	18	GND
5	GND	12	OPEN	19	V-IN
6	L-IN	13	OPEN	20	V-IN
7	OPEN	14	OPEN	21	GND

TABLE OF A/V OPTION

NO	C-NO	W/THRD	W/SCART
1	R241	2.4K 1/8W	
2	R240	5.6K 1/8W	
3	R242	4.7K 1/8W	
4	R19	68K 1/8W	
5	R203	KTC3198Y	
6	R202	330 1/8W	
7	R204	100 1/8W	
8	J27, 93, 108	TIN WIRE	
9	J71, 112, 135	TIN WIRE	

GL3812 SWITCHING OPERATION

C1	C0	PN16	PN17	PN18
L	L	V1	TV(R)	TV(L)
L	H	V1	V1(R)	V1(L)
H	L	V2	V2(R)	V2(L)
H	H	V3	V3(R)	V3(L)

