





## SONY MODEL TRW621

Capacitors.		Resistors.		Component values for Model TR623 which differ from TRW621.	
C3	150 pF.	R1	10k	R1	7.5k
C4	150 pF.	R2	100k	R2	10k
C5	150 pF.	R3	15k	R3	3.5k
C6	5 pF.	R4	150k	R4	110k
C7	0.005	R5	5.6k	R5	15k
C8	0.005	R6	470	R6	330
C9	150 pF.	R7	10k	R7	3.0k
C10	1 pF.	R8	39k	R8	18k
C11	0.02	R9	3.3k	R9	330
C12	0.01	R10	470	R10	9.1k
C13	0.01	R11	220	R11	2.2k
C14	0.01	R12	5k	R12	180
C15	0.01	R13	27k	R13	33
		R14	10k	R14	3
		R15	1.5k	R15	
		R16	220	R16	
		R17	7.5k	R17	
		R18	220	R18	
		R19	10	R19	
				R20	2 pF. (across oscillator tuning capacitor.)
				C17	omitted
				C18	0.04
				C19	omitted
				C20	0.5 (EL.)
				C21	10
				C22	30 (EL. 10 v.)
				C23	30 (EL. 3 v.)
				C24	0.3
				C25	100 pF.
				C26	0.04
				C27	0.04
				C28	0.04
				C29	0.04
				C30	0.04
				C31	0.04
				C32	0.04
				C33	0.04
				C34	0.04
				C35	0.04

**Model TR623:** The circuit diagram for this receiver is similar to Model TRW621 except for a number of component value changes and the omission of the time switch facility. Four 1.5-volt pen light batteries. Voltage and current readings also differ:

Transistor	Function	Emitter Voltage	Collector Current
X1 2SC-73	Freq. changer	0.59-0.86	180-260 $\mu$ A.
X2 2SC-75	1st I.F.	0.18-0.23	550-600 $\mu$ A.
X3 2SC-76	2nd I.F.	0.23-0.30	700-900 $\mu$ A.
X4 2SD-64	Driver	0.32-0.43	1.8-2.4 mA.
X5, 6 2SD-65	Output	—	0.7-1.2 mA.

Crystal diode type 2T23G