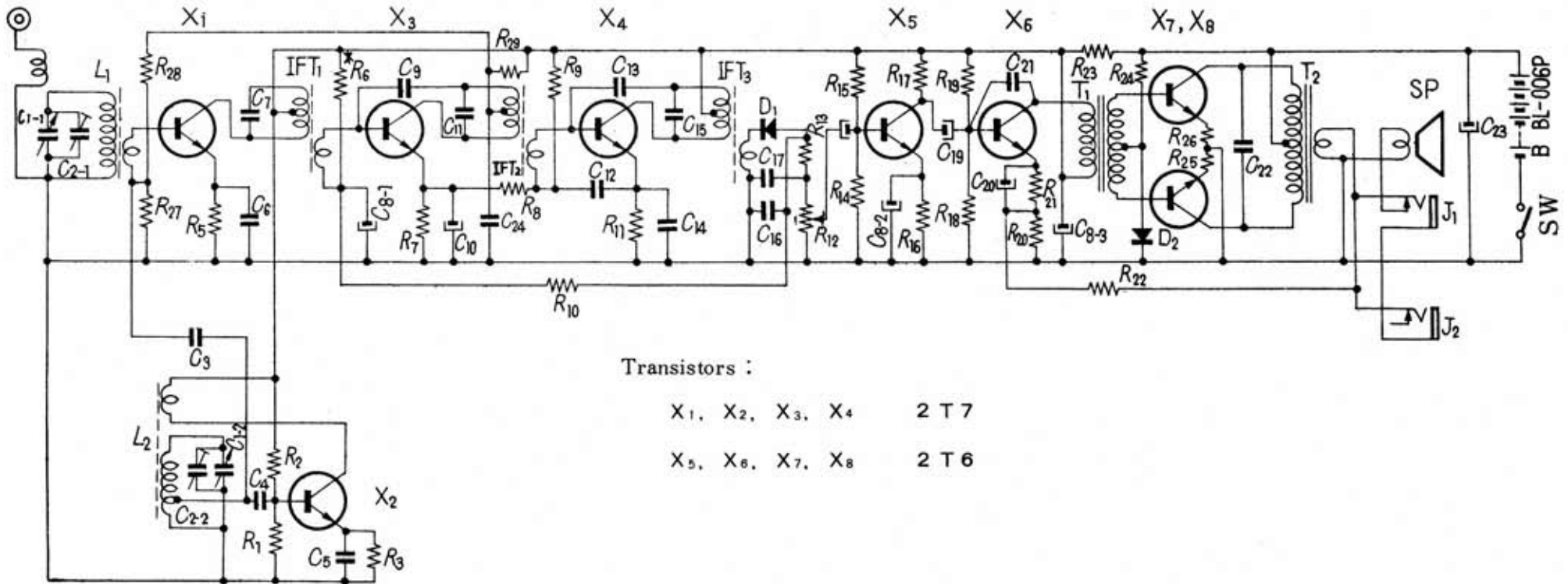


# CIRCUIT DIAGRAM FOR TR-810



Transistors :

X<sub>1</sub>, X<sub>2</sub>, X<sub>3</sub>, X<sub>4</sub>    2 T 7  
 X<sub>5</sub>, X<sub>6</sub>, X<sub>7</sub>, X<sub>8</sub>    2 T 6

L <sub>1</sub>	Antenna Coil	B	Battery BL-006P (9 V)	R <sub>1a</sub>	7.5 KΩ ±5% ¼W	R <sub>2a</sub>	5 Ω ±5% ¼W	R <sub>3a</sub>	100 Ω ±5% ¼w	C <sub>9</sub>	2 PF	C <sub>1a</sub>	5 μF 6 V
L <sub>2</sub>	Oscillator Coil			R <sub>11</sub>	470 Ω * *	R <sub>1b</sub>	680 Ω * *			C <sub>1b</sub>	10 μF 3 V	C <sub>2a</sub>	30 μF 3 V
IFT <sub>1</sub>	I.F. Trans.	R <sub>1</sub>	10K Ω ±5% ¼W	R <sub>12</sub>	5KΩ VR with Switch	R <sub>2b</sub>	220 Ω * *	C <sub>1-1</sub> C <sub>1-2</sub>	} Tuning Capacitor	C <sub>11</sub>	⊙ (180 PF)	C <sub>21</sub>	0.001 μF
IFT <sub>2</sub>	*	R <sub>2</sub>	56 Ω * *	R <sub>13</sub>	2.2 KΩ 5% ¼W	R <sub>2c</sub>	220 Ω * *	C <sub>2-1</sub> C <sub>2-2</sub>		C <sub>12</sub>	0.01 μF	C <sub>22</sub>	0.05 μF
IFT <sub>3</sub>	*	R <sub>3</sub>	2.2 Ω * *	R <sub>14</sub>	10K Ω * *	R <sub>2d</sub>	5.6 KΩ * *	C <sub>3</sub>		0.005 μF	C <sub>13</sub>	2 PF	C <sub>23</sub>
T <sub>1</sub>	Input Trans.	R <sub>4</sub>	15K Ω * *	R <sub>15</sub>	56K Ω * *	R <sub>2e</sub>	22 Ω * *	C <sub>4</sub>	0.01 μF	C <sub>14</sub>	0.02 μF	C <sub>24</sub>	0.01 μF
T <sub>2</sub>	Output Trans.	R <sub>5</sub>	* 100 KΩ * *	R <sub>16</sub>	820 Ω * *	R <sub>2f</sub>	22 Ω * *	C <sub>5</sub>	0.005 μF	C <sub>15</sub>	⊙ (180 PF)		
SP	6 cm P.D. Speaker 8 Ω	R <sub>6</sub>	470 Ω * *	R <sub>17</sub>	820 Ω * *	R <sub>2g</sub>	100 KΩ * *	C <sub>6</sub>	0.01 μF	C <sub>16</sub>	0.02 μF		
J <sub>1</sub>	Earphone Jack	R <sub>7</sub>	820 Ω * *	R <sub>18</sub>	10 KΩ * *	R <sub>2h</sub>	10 KΩ * *	C <sub>7</sub>	⊙ (180 PF)	C <sub>17</sub>	0.01 μF		
J <sub>2</sub>	" "	R <sub>8</sub>	22 KΩ * *	R <sub>19</sub>	56 KΩ * *	R <sub>2i</sub>	10K Ω * *	C <sub>8-1</sub> C <sub>8-2</sub> C <sub>8-3</sub>	20 μF 10 V Block Chem. Con.	C <sub>18</sub>	5 μF 6 V		

Note: \* Adjusting Resistors  
 ● Capacitors Contained inside I. F. T.