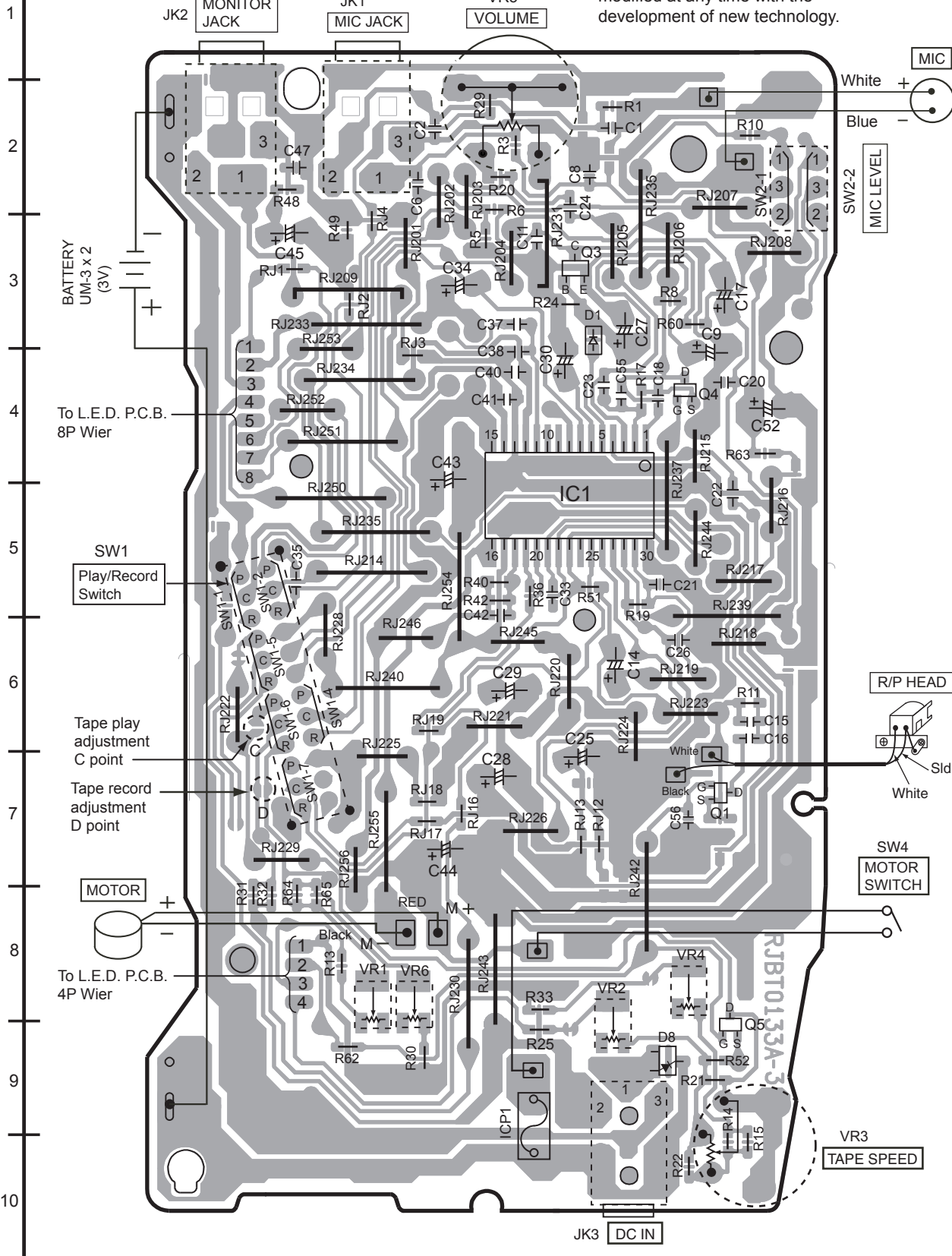


A B C D E F G

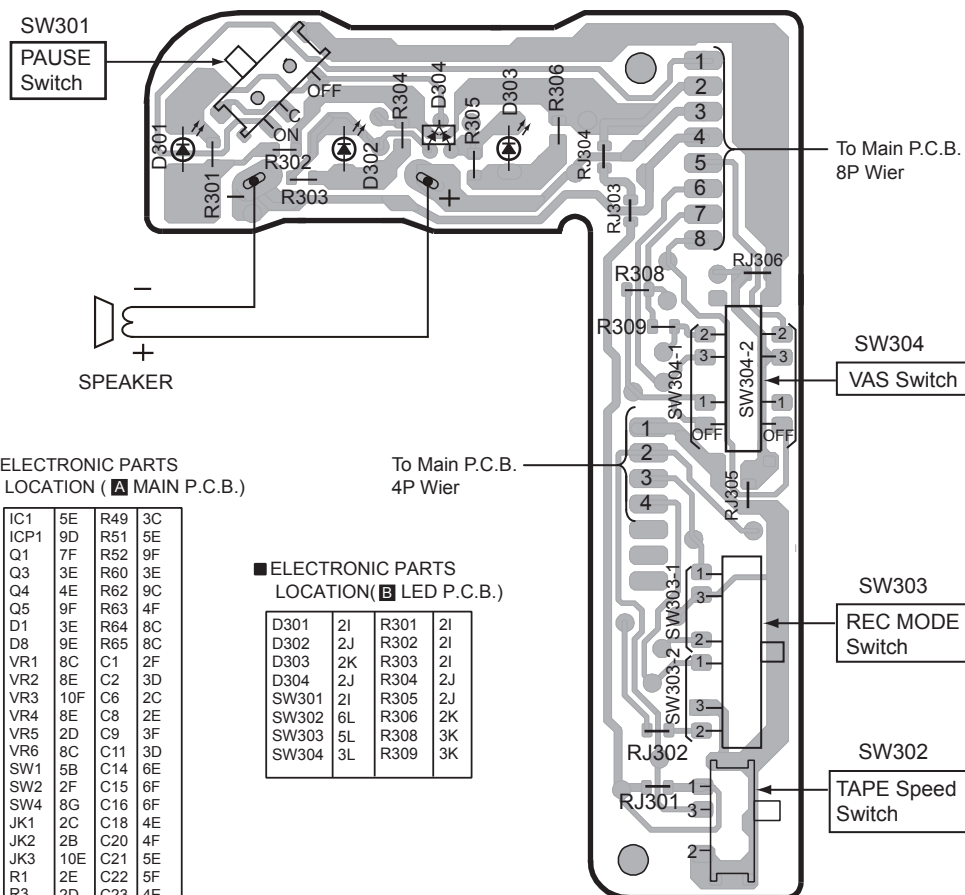
# **A** MAIN P.C.B.

● This circuit board diagram may be modified at any time with the development of new technology.



## B L.E.D. P.C.B.

● This circuit board diagram may be modified at any time with the development of new technology.



### ■ ELECTRONIC PARTS LOCATION (A MAIN P.C.B.)

IC1	5E	R49	3C
ICP1	9D	R51	5E
Q1	7F	R52	9F
Q3	3E	R60	3E
Q4	4E	R62	9C
Q5	9F	R63	4F
D1	3E	R64	8C
D8	9E	R65	8C
VR1	8C	C1	2F
VR2	8E	C2	3D
VR3	10F	C6	2C
VR4	8E	C8	2E
VR5	2D	C9	3F
VR6	8C	C11	3D
SW1	5B	C14	6E
SW2	2F	C15	6F
SW4	8G	C16	6F
JK1	2C	C18	4E
JK2	2B	C20	4F
JK3	10E	C21	5E
R1	2E	C22	5F
R3	2D	C23	4E
R5	3D	C24	2E
R6	2D	C25	6E
R8	3E	C26	6E
R11	6F	C27	3E
R13	8C	C28	7D
R14	9F	C29	6D
R15	10F	C30	4E
R17	4E	C33	5E
R19	5E	C34	3D
R20	2D	C35	5C
R21	9F	C37	3D
R22	10E	C38	3D
R24	3E	C40	4D
R25	9D	C41	4D
R29	2D	C42	5D
R30	9C	C43	4D
R31	8B	C44	7D
R32	8B	C45	3B
R33	8D	C47	2C
R36	5D	C52	4F
R40	5D		
R42	5D		
R48	2B		

### ■ ELECTRONIC PARTS LOCATION (B LED P.C.B.)

D301	2I	R301	2I
D302	2J	R302	2I
D303	2K	R303	2I
D304	2J	R304	2J
SW301	2I	R305	2J
SW302	6L	R306	2K
SW303	5L	R308	3K
SW304	3L	R309	3K

### Notes:

#### Tape Speed Adjust Method (See Main P.C.B)

1. Put into set with test tape (QZZCWAT. 3 kHz)
2. Adjust VR3 at center position. (Which has defeat position)
3. Take D point short, C point open and push "PLAY" button.  
Then adjust VR6, you'll get 3 kHz output signal. (3 kHz  $\pm$  50Hz)
4. Replace QZZCWAT with QZZCFM. (6.3 kHz). Then adjust VR1, you'll get 2.1 kHz output signal. (2.1 kHz  $\pm$  30Hz)
5. Take D point open, C point short and push "PLAY" button.  
Then adjust VR4, you'll get 3 kHz output signal. (3 kHz  $\pm$  50Hz)
6. Adjust VR2, you'll get 2.1 kHz output signal. (2.1 kHz  $\pm$  30Hz)
7. If you adjust VR6 again, please repeat 1 ~ 6 steps.
8. After 1 ~ 7 steps, please C point short, A point open, tape speed has adjusted completely.