

[  
B1  
SIP4  
CB

] [  
B2  
中周  
ZD

] [  
B3  
中周  
ZZ2

] [  
B4  
中周  
ZZ1

] [  
B5  
中周  
ZZ1

] [  
B6  
变压器  
SR

] [  
B7  
变压器  
SC

] [  
C1  
双联电容器  
CBM223P

] [  
C2  
RAD0.1  
223P

]
[
C3
RAD0.1
103P

]
[
C4
RB.1/.2
4.7

]
[
C5
RAD0.1
223P

]
[
C6
RAD0.1
223P

]
[
C7
RAD0.1
223P

]
[
C8
RAD0.1
223P

]
[
C9
RAD0.1
223P

]
[
C10
RB.1/.2
4.7

]
[
C11

RAD0.1  
223P

]  
[  
C12  
RAD0.1  
223P

]  
[  
C13  
RAD0.1  
223P

]  
[  
C14  
RB.2/.4  
100

]  
[  
C15  
RB.2/.4  
100

]  
[  
D1  
DIODE0.2  
IN4148

]  
[  
D2  
DIODE0.2  
IN4148

]  
[  
D3  
DIODE0.2  
IN4148

]  
[  
DC  
SIP2  
3V

```
]
[
K
开关
SW-SPST
```

```
]
[
R1
AXIAL0.2
150K
```

```
]
[
R2
AXIAL0.2
2K2
```

```
]
[
R3
AXIAL0.2
100
```

```
]
[
R4
AXIAL0.2
20K
```

```
]
[
R5
AXIAL0.2
150
```

```
]
[
R6
AXIAL0.2
62K
```

```
]
[
R7
AXIAL0.2
51
```

```
]
[
R8
AXIAL0.2
1K
```

```
]
[
R9
AXIAL0.2
680
```

```
]
[
R10
AXIAL0.2
51K
```

```
]
[
R11
AXIAL0.2
1K
```

```
]
[
R12
AXIAL0.2
220
```

```
]
[
R13
AXIAL0.2
24K
```

```
]
[
SPK
喇叭
SPEAKER
```

```
]
[
V1
TO-92A
9018H
```

```
]
[
V2
TO-92A
9018H
```

```
]
[
```

V3  
TO-92A  
9018H

]  
[  
V4  
TO-92A  
9018H

]  
[  
V5  
TO-92A  
9013H

]  
[  
V6  
TO-92A  
9013H

]  
[  
V7  
TO-92A  
9013H

]  
[  
VOL  
电位器  
5K

]  
(  
NetB1\_3  
B1-3  
V1-2  
)  
(  
NetB1\_4  
B1-4  
C2-1  
R1-1  
)  
(  
NetB2\_1  
B2-1  
C1-2  
)  
(  
NetB2\_3  
B2-3  
C1-3  
)  
(

```
NetB3_3
B3-3
R3-1
)
(
NetB3_5
B3-5
C4-1
R4-1
R8-2
)
(
NetB4_5
B4-5
C6-1
R6-1
)
(
NetB6_2
B6-2
D3-1
R11-1
)
(
NetC1_1
B1-1
C1-1
)
(
NetC3_2
B2-2
C3-2
)
(
NetC11_2
B7-1
C11-2
V6-1
)
(
NetC12_2
B7-3
C12-2
V7-3
)
(
NetD1_1
B3-2
B4-2
B5-2
C13-1
C14-1
D1-1
R1-2
R4-2
R6-2
R10-2
R12-2
R13-2
)
(
NetD1_2
D1-2
D2-1
)
(
NetDC_1
DC-1
K-1
```

```
)  
(  
NetR2_2  
C3-1  
R2-2  
V1-3  
)  
(  
NetR3_2  
B2-5  
R3-2  
R13-1  
)  
(  
NetR5_2  
C5-1  
R5-2  
V2-3  
)  
(  
NetR7_2  
R7-2  
V3-3  
)  
(  
NetR8_1  
B5-5  
C7-1  
R8-1  
)  
(  
NetR9_1  
C9-2  
R9-1  
VOL-1  
)  
(  
NetR9_2  
C8-2  
R9-2  
V4-3  
)  
(  
NetR10_1  
C10-1  
R10-1  
V5-2  
)  
(  
NetR12_1  
B6-5  
B7-2  
C15-1  
K-2  
R11-2  
R12-1  
)  
(  
NetSPK_1  
B7-4  
SPK-1  
)  
(  
NetSPK_2  
B7-5  
SPK-2  
)  
(  
NetV1_1
```



B2-4  
V1-1  
)  
(  
NetV2\_1  
B4-3  
V2-1  
)  
(  
NetV2\_2  
B3-4  
V2-2  
)  
(  
NetV3\_1  
B5-3  
V3-1  
)  
(  
NetV3\_2  
B4-4  
V3-2  
)  
(  
NetV4\_2  
B5-4  
V4-1  
V4-2  
)  
(  
NetV5\_1  
B6-4  
V5-1  
)  
(  
NetV6\_2  
B6-1  
C11-1  
V6-2  
)  
(  
NetV7\_2  
B6-3  
V7-2  
)  
(  
NetVOL\_3  
C10-2  
VOL-3  
)  
(  
VCC  
B1-2  
B2-0  
B3-0  
B4-0  
B5-0  
C1-2  
C2-2  
C4-2  
C5-2  
C6-2  
C7-2  
C8-1  
C9-1  
C13-2  
C14-2  
C15-2  
D2-2

D3-2  
DC-2  
R2-1  
R5-1  
R7-1  
V5-3  
V6-3  
V7-1  
VOL-2  
)