



## VDD CONTROL DUAL TONE

## 电源控制 128 音符双音 IC

MELODY

M994A



### FEATURES 功能叙述

- Dual tone 128 notes.
- OL: Switch of one octave lower output.
- Tempo adj.: Rosc Ext. / Built-in available.
- Package: TO92-3L, DIP 16L or CHIP form.

| P/N      | SONG LIST              |
|----------|------------------------|
| M994A-05 | SWEET HOME             |
| M994A-19 | FOR ALICE              |
| M994A-68 | SMALL WORLD ( 18 Sec ) |
| M994A-69 | SMALL WORLD ( 14 Sec ) |
| M994A-LB | LOVE BLUE              |

### APPLICATION 产品应用

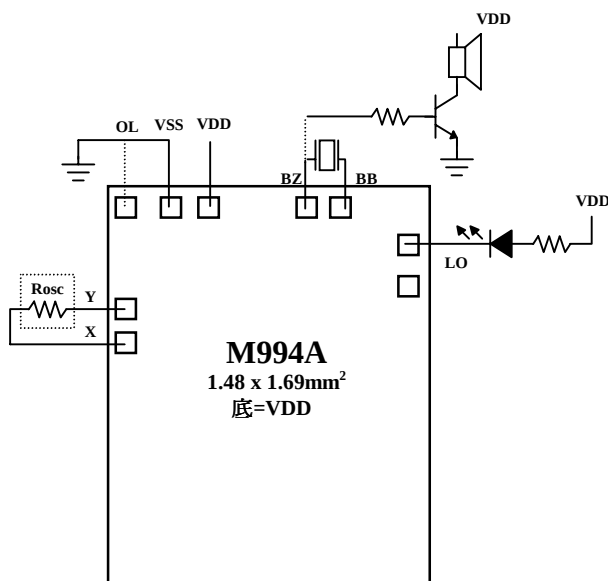
- Telephone, EPABX, Toys etc..

### ELECTRICAL CHARACTERISTICS 电气规格

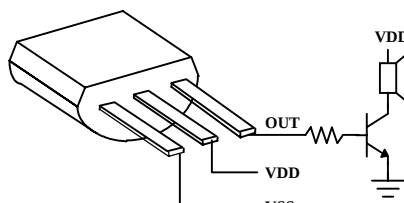
( @V<sub>DD</sub>=3V unless otherwise specified )

| Characteristics            | Sym.             | Min. | Typ. | Max. | Unit | REMARKS                 |
|----------------------------|------------------|------|------|------|------|-------------------------|
| 工作电压 Operating Voltage     | V <sub>DD</sub>  | —    | 3    | 3.5  | V    |                         |
| 工作电流 Operating Current     | I <sub>OP</sub>  | —    | 0.4  | 0.7  | mA   | No load                 |
| 静态电流 Quiescent Current     | I <sub>SB</sub>  | —    | —    | —    | μ A  |                         |
| 推动电流 BZ Driving Current    | I <sub>O</sub>   | 0.4  | 0.7  | —    | mA   | @ V <sub>DS</sub> =1V   |
| 推动电流 LED Driving Current   | I <sub>OL</sub>  | 6    | 6    | —    | mA   | @ V <sub>DS</sub> =1.2V |
| 振荡频率 Oscillator Frequency  | F <sub>OSC</sub> | —    | 250  | —    | KHz  | ± 30% TOL.              |
| 工作温度 Operating Temperature | Temp.            | 0    | 25   | 60   | °C   |                         |

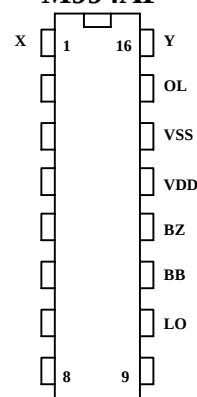
### APPLICATION DIAGRAM 参考电路图



TO92-3L



M994AP



#### ORDERING INFORMATION

M994AX-XXLR

— Rosc Ext. (default Int.)

— One octave low. (default Normal)

— Song Name

— Package T – TO92-3L

P – DIP

— CHIP

\*All specs and applications shown above subject to change without prior notice.

( 以上电路及规格仅供参考,本公司得径行修正 )