



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

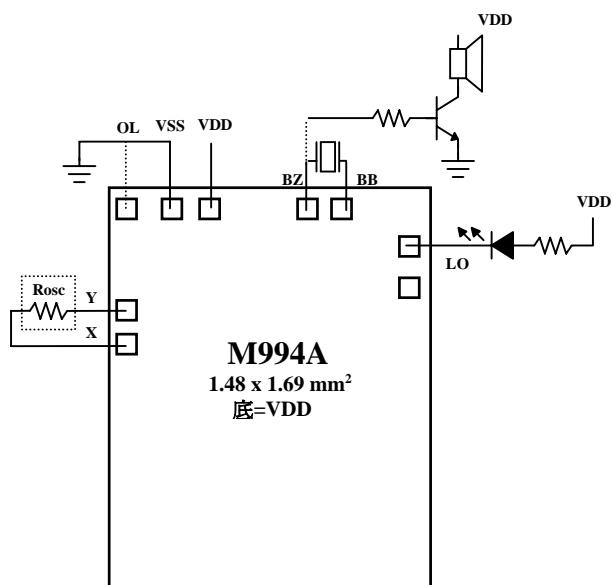
- Telephone, EPABX, Toys etc..

ELECTRICAL CHARACTERISTICS 电气规格

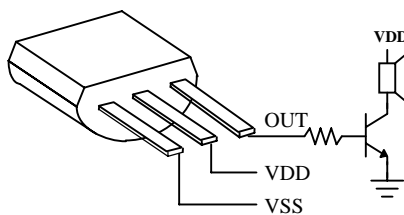
(@V_{DD}=3V unless otherwise specified)

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

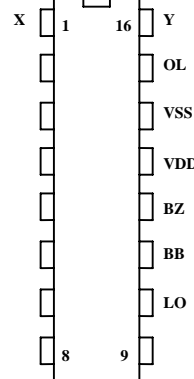
APPLICATION DIAGRAM 参考电路图



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,本公司得行修正)



一華半導體股份有限公司
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H.K. : TEL : 852- 27569109

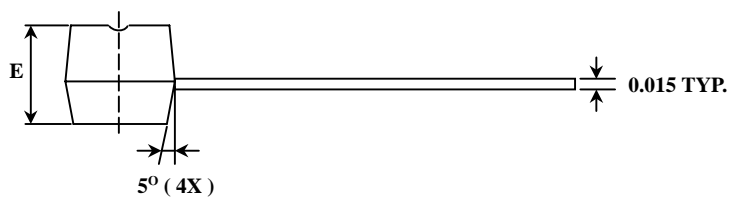
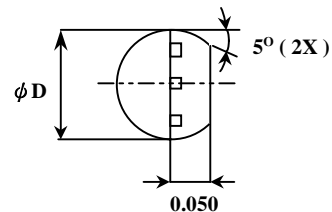
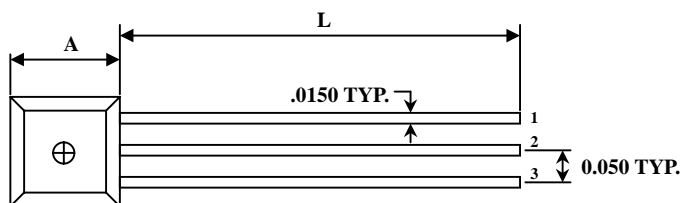
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PACKAGE OUTLINE



SYMBOLS	MIN	NOR.	MAX
A	.170	.180	.210
ϕD	.175	.180	.205
E	.125	.142	.165
L	.500	.580	

UNIT : INCH

TO-92-L3