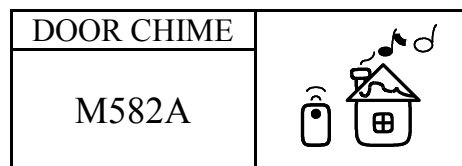




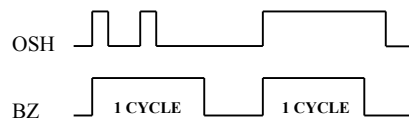
DING-DONG  
DOOR BELL

单音门铃 IC



### FEATURES 功能叙述

- Ding-Dong 2 times.
- OSH or VDD Control.
- Separate LED and BUZZER driver.



### APPLICATION 产品应用

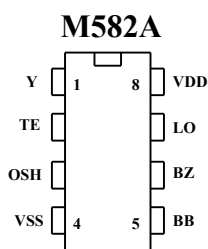
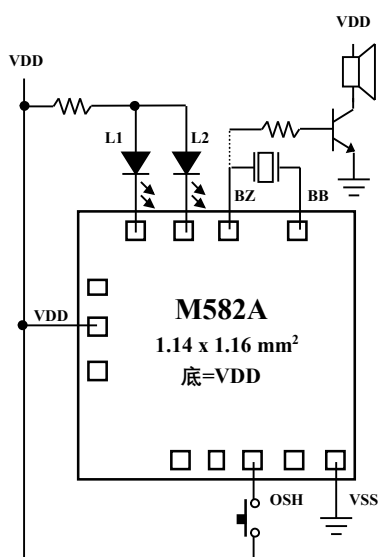
- Door Bell, Toys.

### ELECTRICAL CHARACTERISTICS 电气规格

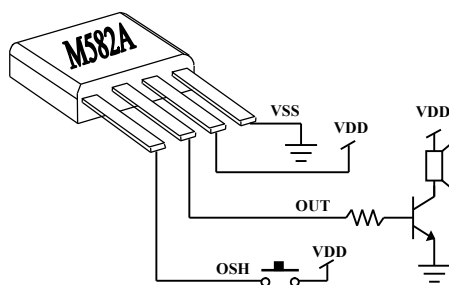
( @V<sub>DD</sub>=3V unless otherwise specified )

Characteristics	Sym.	Min.	Typ.	Max.	Unit	REMARKS
工作电压 Operating Voltage	V <sub>DD</sub>	—	3	4.5	V	
工作电流 Operating Current	I <sub>OP</sub>	—	0.1	0.5	mA	No load
静态电流 Quiescent Current	I <sub>SB</sub>	—	1	5	μA	
推动电流 BZ Driving Current	I <sub>O</sub>	1	—	—	mA	@V <sub>DS</sub> =1V
推动电流 LO Driving Current	I <sub>OL</sub>	6	—	—	mA	@V <sub>DS</sub> =1.2V
振荡频率 Oscillator Frequency	F <sub>OSC</sub>	—	100	—	KHz	±30% TOL.
工作温度 Operating Temperature	Temp.	0	25	60	°C	

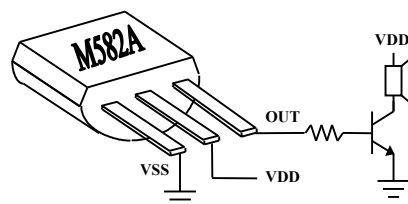
### APPLICATION DIAGRAM 参考电路图



#### TO93-4L ( Suffix-F )



#### TO92-3L



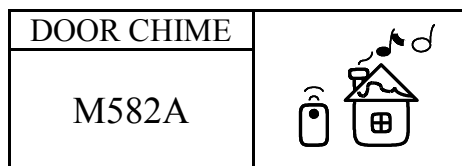
\*All specs and applications shown above subject to change without prior notice.

( 以上电路及规格仅供参考,本公司得径行修正 )

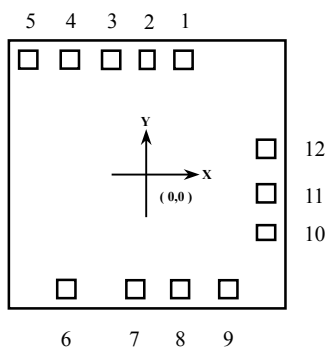


DING-DONG  
DOOR BELL

单音门铃 IC



**PAD ASSIGNMENT & POSITION**



UNIT : um

No.	NAME	X	Y
1	X	201	454
2	TO	47	456
3	OSH	-103	454
4	LH	-275	454
5	VSS	-447	454
6	BB	-382	-408
7	BZ	-95	-408
8	L2	91	-404
9	L1	290	-404
10	TE	443	-258
11	VDD	446	-93
12	Y	446	88

\* CHIP SIZE ~ 1.14 x 1.16 mm<sup>2</sup>

\* IC substrate should be connected to VDD in PCB (PCB 上 IC 必须接 VDD)