

## 和弦门铃

### FEATURES功能叙述

TG1: 音乐选择键;  
 TG2: 音量调节;  
 TG3: 播放 (One Shot);  
 L1: 当音乐播放时, LED以3HZ频率闪烁;

歌曲名称:

16 首: 叮咚、致爱丽丝、西敏寺钟声、梁祝、小天鹅、红河谷、铁达尼克号、土尔其进行曲、小步舞曲、恭喜你、威廉尔逊序曲、爱的罗曼史、回忆、小美人鱼、绿袖子、罗密欧与朱丽叶

### APPLICATION 产品应用

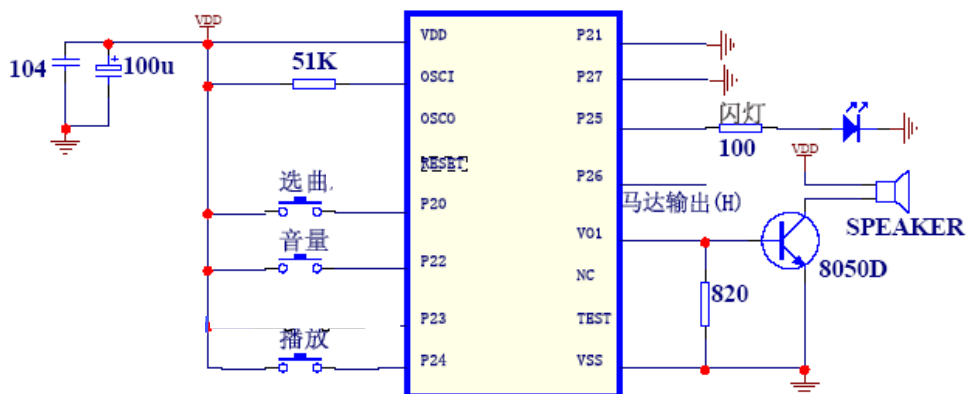
Door bell . 门铃  
 Music box. 音乐盒

### ELECTRICAL CHARACTERISTICS 电气规格 ( @V<sub>DD</sub>=3V unless otherwise specified )

Characteristics	Sym.	Min.	Typ.	Max.	Unit	CONDITION
Operating Voltage 工作电压	V <sub>DD</sub>	2.4	—	5.5	V	
Operating Current 工作电流	I <sub>OP</sub>	—	3	5	mA	V <sub>DD</sub> =4.5V R <sub>osc</sub> =6MHz
	I <sub>OP</sub>	—	1.5	3	mA	V <sub>DD</sub> =3V R <sub>osc</sub> =4 MHz
Quiescent Current 静态电流	I <sub>SB</sub>	—	1	5	uA	
Driving Current 推动电流	I <sub>OH</sub>	10	—	—	mA	V <sub>DD</sub> =4.5V V <sub>OH</sub> =2V
	I <sub>OH</sub>	2	—	—	mA	V <sub>DD</sub> =3V V <sub>OH</sub> =2.4V
Input Current 输入电流	I <sub>I</sub>	—	8	12	uA	V <sub>DD</sub> =4.5V
	I <sub>I</sub>	—	3	5	uA	V <sub>DD</sub> =3V
Output Current 输出电流	I <sub>VO</sub>	2.5	3.5	4.5	mA	V <sub>DD</sub> = 4.5 V V <sub>VO</sub> =0.7 V
	I <sub>VO</sub>	2.5	3.5	4.5	mA	V <sub>DD</sub> = 3 V V <sub>VO</sub> =0.7 V
Operating Frequency 运行频率	FOSC	—	4	8	MHZ	V <sub>DD</sub> = 4.5 V
	FOSC	—	4	6	MHZ	V <sub>DD</sub> = 3 V

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APPLICATION DIAGRAM 参考电路图



COB CONNECTION DIAGRAM 电路图

