



MELODY

M9280

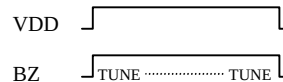


VDD CONTROL

128 音符音樂 IC

FEATURES 功能敘述

- Wide operating range : 1.5~3.5V.
- Minimum external component.



APPLICATION 產品應用

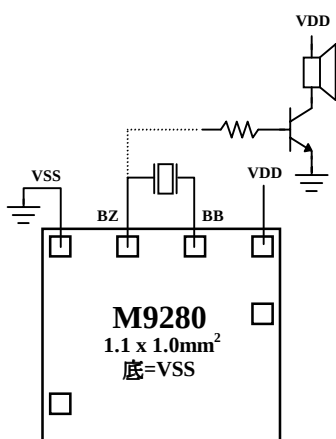
- Toys, Melody card etc.

ELECTRICAL CHARACTERISTICS 電氣規格

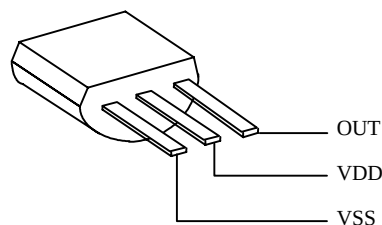
(@V_{DD}=1.5V unless otherwise specified)

Characteristics	Sym.	Min.	Typ.	Max.	Unit	REMARKS
工作電壓 Operating Voltage	V _{DD}	—	1.5	3.5	V	
工作電流 Operating Current	I _{OP}	—	0.1	0.5	mA	No load
靜態電流 Quiescent Current	I _{SB}	—	—	—	μA	
推動電流 BZ Driving Current	I _O	1	—	—	mA	@ V _{DS} =1V
推動電流 LO Driving Current	I _{OL}	6	—	—	mA	@ V _{DS} =1.2V
振盪頻率 Oscillator Frequency	F _{OSC}	—	100	—	KHz	±30% TOL.
工作溫度 Operating Temperature	Temp.	0	25	60	°C	

APPLICATION DIAGRAM 參考電路圖



TO92-3L



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

(以上電路及規格僅供參考,本公司得逕行修正)



~ 華半導體股份有限公司
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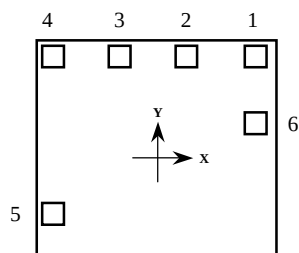
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VDD CONTROL

128 音符音樂 IC

PAD ASSIGNMENT & POSITION



UNIT : μm

No.	NAME	X	Y
1	VDD	289	246
2	BB	101	246
3	BZ	-136	246
4	VSS	-324	246
5	Y	-324	-222
6	TE	289	81

* CHIP SIZE $\sim 1.1 \times 1.0 \text{ mm}^2$

* IC substrate should be connected to VSS in PCB (PCB 上 IC 必須接 VSS)

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