



— 華半導體股份有限公司
MOSDESIGN SEMICONDUCTOR CORP.

TAIPEI : TEL : 886-2- 22783733

FAX : 886-2- 22783633

H.K. : TEL : 852- 27569109

FAX : 852- 27566961

3-STATE 531,441 CODES
BUILT-IN IR CARRIER
DIRECT DATA TRANSMIT

3 態 531,441 碼
內建紅外線發射器
可單鍵發射

EN/DECODER

M5E/M5D/F

EN/DE
編/解碼

FEATURES 功能敘述

- Built-in IR carrier — suffix-IR.
- Momentary DATA — suffix-M.
- Direct Data Transmit type — M5E-H : Switch to VDD.
- S.O.Package 18P — suffix-S.

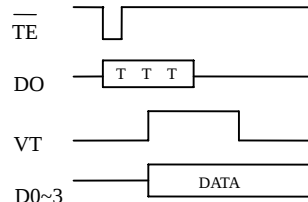
BIT FORMAT

"0"

"1"

"X"

PROTOCOL



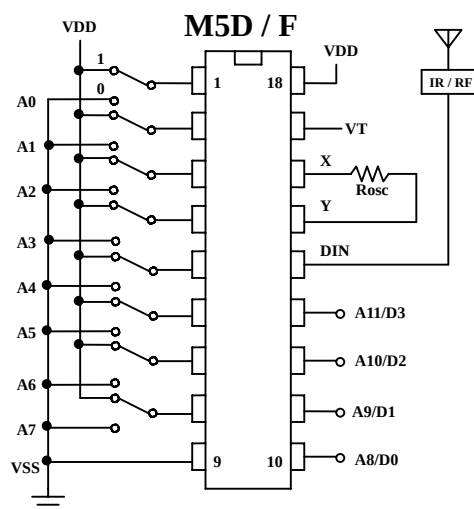
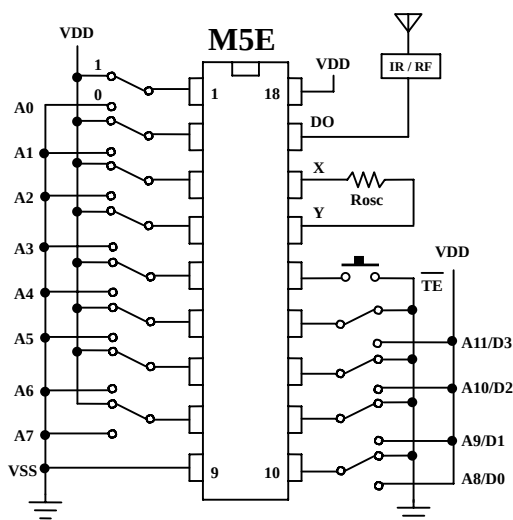
APPLICATION 產品應用

- Security alarm, Remote control. 防盜系統, 任何遙控裝置.

ELECTRICAL CHARACTERISTICS 電氣規格

Characteristics	Sym.	Min.	Typ.	Max.	Unit	REMARKS
工作電壓 Operating Voltage	V_{DD}	2.4	—	13	V	
工作電流 Operating Current	I_{OP}	—	0.1	1	mA	No load
靜態電流 Quiescent Current	I_{SB}	—	1	10	μA	
推動電流 Driving Current	I_{OL}	—	2	—	mA	@ $V_{DS}=1.2V$
振盪頻率 Oscillator Frequency	F_{OSC}	—	76	—	KHz	External $\pm 30\%$
工作溫度 Operating Temperature	Temp.	-20	25	60	$^{\circ}C$	

APPLICATION DIAGRAM 參考電路圖



*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)