



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

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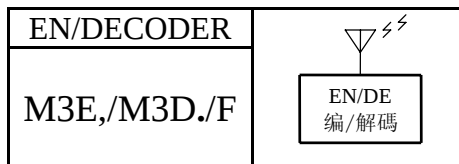
FAX: 886-2- 22783633

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FAX: 852- 27566961

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

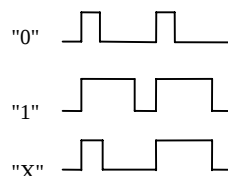
3 态 531,441 码
内建红外线发射器
可单键发射



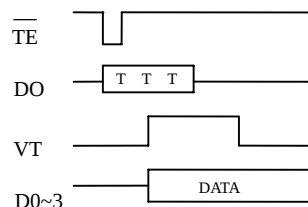
FEATURES 功能叙述

- M3E,: Built-in IR carrier — suffix-IR.
Direct Data Transmit — suffix-H: Switch to VDD.
— suffix-L: Switch to VSS.
- M3D,: Momentary DATA — suffix-M.
Latch data outputs — suffix-L.
Full address type — M3F.
- S.O.Package 20P — suffix-S.

BIT FORMAT



PROTOCOL



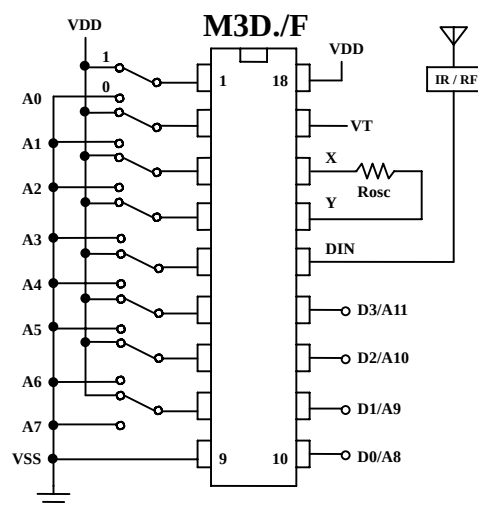
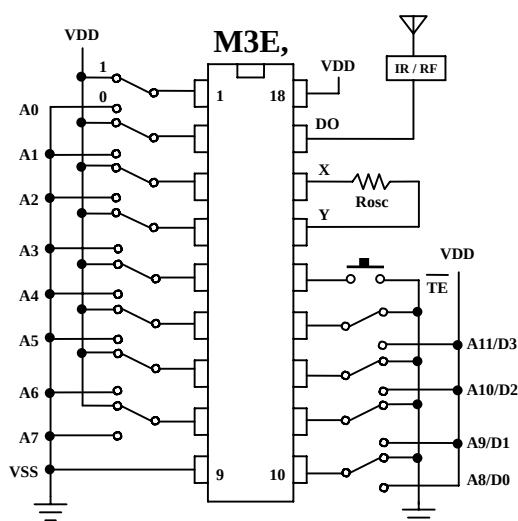
APPLICATION 产品应用

- Security alarm, Remote control. 防盗系统, 任何遥控装置.

ELECTRICAL CHARACTERISTICS 电气规格

Characteristics	Sym.	Min.	Typ.	Max.	Unit	REMARKS
工作电压 Operating Voltage	V_{DD}	2.4	—	12	V	
工作电流 Operating Current	I_{OP}	—	0.1	1	mA	No load
静态电流 Quiescent Current	I_{SB}	—	0.1	0.5	μA	
推动电流 Driving Current	I_{OL}	—	2	—	mA	@ $V_{DS}=1.2V$
振荡频率 Oscillator Frequency	F_{OSC}	—	76	—	KHz	External $\pm 30\%$
工作温度 Operating Temperature	Temp.	-20	25	70	$^{\circ}C$	

APPLICATION DIAGRAM 参考电路图



* Rosc: M3E,= 360K Ω ; M3D./F=220K Ω

* 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)