



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

TAIPEI : TEL : 886-2- 22783733

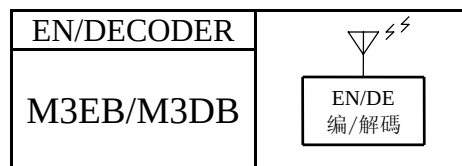
FAX : 886-2- 22783633

H.K. : TEL : 852- 27569109

FAX : 852- 27566961

3-STATE 59,049 CODES
30 SECOND POWER OFF
DIRECT DATA TRANSMIT

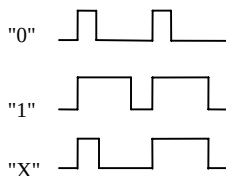
3 态 59,049 码
30 秒自动断电
单键发射



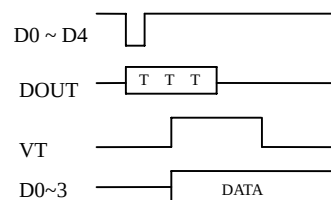
FEATURES 功能叙述

- M3DB: Momentary DATA — suffix-M.
- M3EB:
 - Built-in IR carrier — suffix-I.
 - Data transmit over 30 second auto power off.
 - 8 or 10 tri-state code address pins.
 - M3EB-2: 10 address, 2 data.
 - M3EB-4: 8 address, 4 data.
- Single resistor oscillator.
- 2 or 4 direct data transmit (internal pull-low resistor).

BIT FORMAT



PROTOCOL



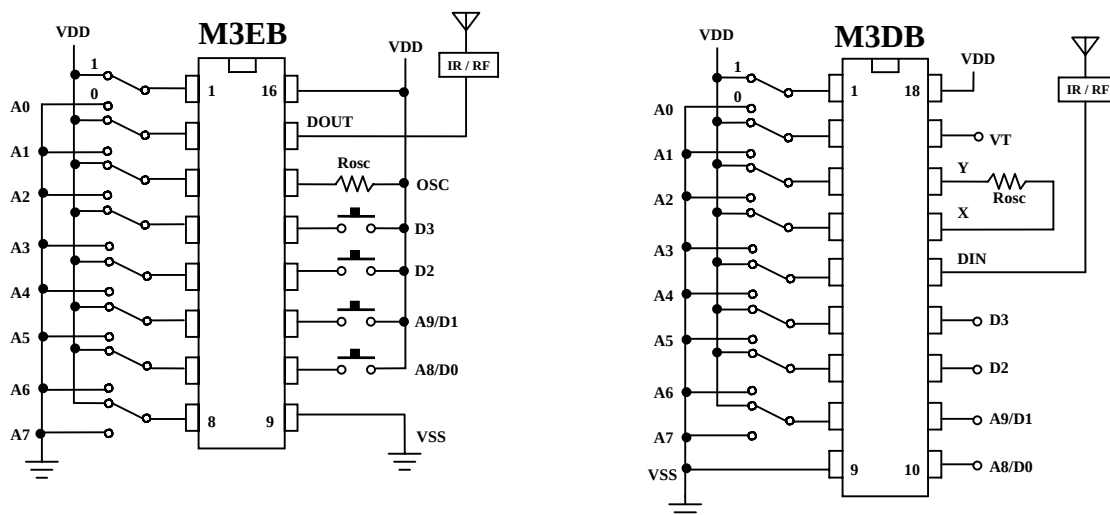
APPLICATION 产品应用

- 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}	—	0.3	1	mA	No load
静态电流 Quiescent Current	I_{SB}	—	1	10	uA	
推动电流 Driving Current	I_{OL}	—	2	—	mA	@ $V_{DS}=1.2V$
振荡频率 Oscillator Frequency	F_{OSC}	—	152	—	KHz	M3EB: External $\pm 30\%$, $R_{osc}=470K$
		—	38	—	KHz	M3DB: External $\pm 30\%$, $R_{osc}=1.2M$
工作温度 Operating Temperature	Temp.	-20	25	70	°C	

APPLICATION DIAGRAM 参考电路图



* 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)