

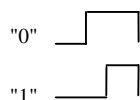
2 STATES EN/DECODER

2 態 編 / 解 碼 IC

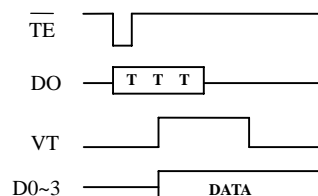
FEATURES 功能敘述

- OPT : Floating : Latch.
VSS : Momentary.
- S.O.Package 18P — suffix-S.

BIT FORMAT



PROTOCOL



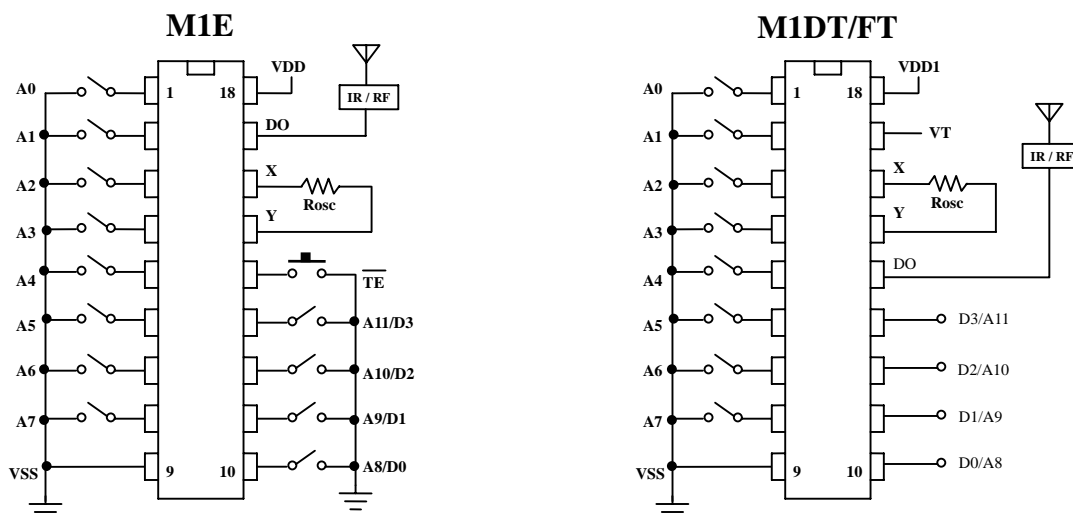
APPLICATION 產品應用

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

ELECTRICAL CHARACTERISTICS 電氣規格

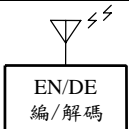
Characteristics	Sym.	Min.	Typ.	Max.	Unit	REMARKS
工作電壓 Operating Voltage	V_{DD}	2.4	—	12	V	M1E
	V_{DD1}	2.4	4.5	5.5	V	M1DT/FT
工作電流 Operating Current	I_{OP}	—	0.1	1	mA	No load
靜態電流 Quiescent Current	I_{SB}	—	0.1	0.5	μA	
推動電流 Driving Current	I_{OL}	—	2	—	mA	@ $V_{DS}=1.2V$
振蕩頻率 Oscillator Frequency	F_{OSC}	—	76	—	KHz	External $\pm 30\%$
工作溫度 Operating Temperature	Temp.	-20	25	70	$^{\circ}C$	

APPLICATION DIAGRAM 參考電路圖



* Rosc : M1E=200K Ω ; M1DT/FT=240K Ω

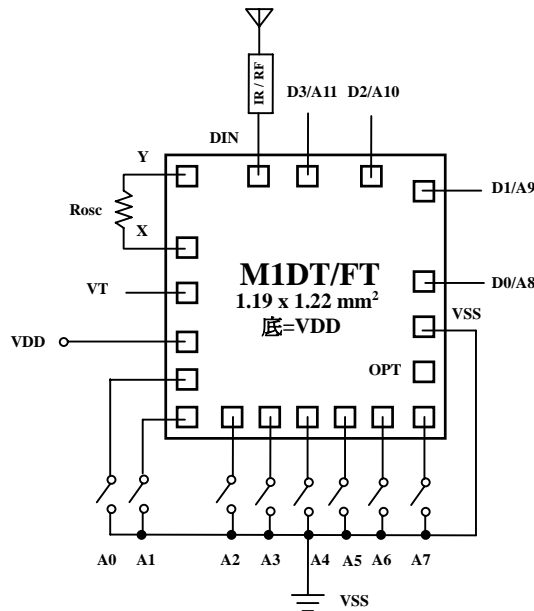
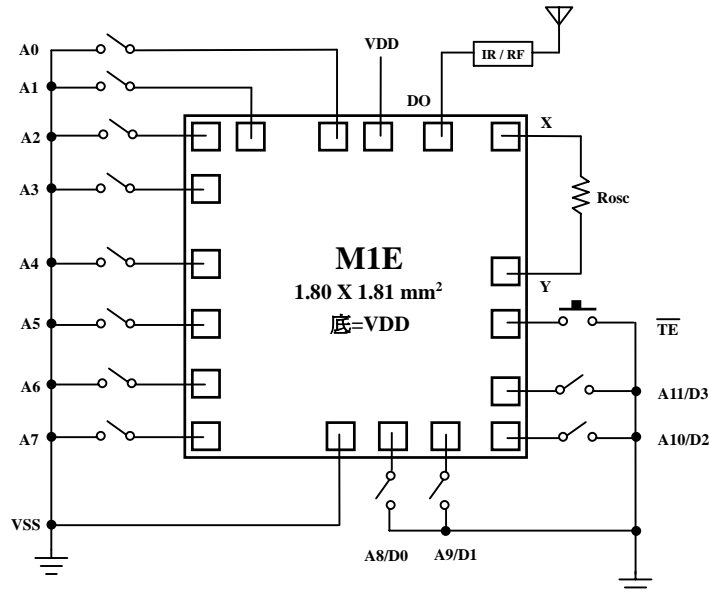


EN/DECODER	
M1E/M1DT/FT	

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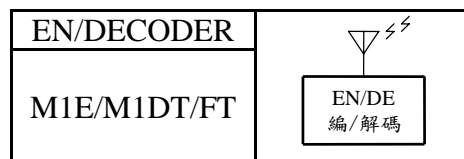
APPLICATION DIAGRAM 參考電路圖



* Rosc : M1E=200KΩ ; M1DT/FT=240KΩ

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

(以上電路及規格僅供參考,本公司得徑行修正)

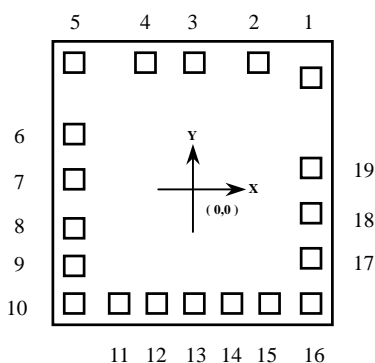


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2 態 編 / 解 碼 IC

PAD ASSIGNMENT & POSITION

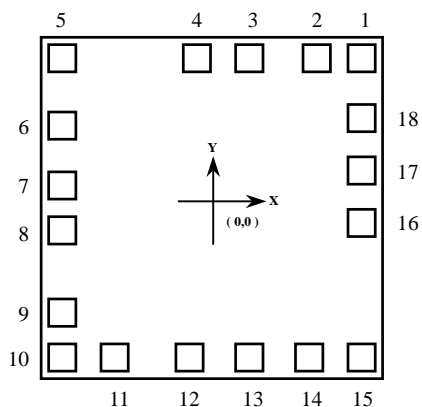
(M1DT/FT)



UNIT : um

No.	NAME	X	Y
1	D1/A9	475	422
2	D2/A10	258	485
3	D3/A11	7	485
4	DIN	-188	485
5	Y	-475	485
6	X	-475	193
7	VT	-475	9
8	VDD	-475	-190
9	A0	-475	-340
10	A1	-475	-490
11	A2	-293	-490
12	A3	-143	-490
13	A4	6	-490
14	A5	156	-490
15	A6	306	-490
16	A7	430	-490
17	OPT	475	-309
18	VSS	475	-129
19	D0/A8	475	59

(M1E)



UNIT : um

No.	NAME	X	Y
1	A10	728	732.5
2	A11	528	732.5
3	TEB	211	732.5
4	Y	-31.5	732.5
5	X	-728.5	732.5
6	DO	-728.5	376.5
7	VDD	-728.5	36
8	A0	-728.5	-164
9	A1	-728.5	-533
10	A2	-728.5	-733
11	A3	-480.5	-733
12	A4	-101	-733
13	A5	184	-733
14	A6	480	-733
15	A7	728	-733
16	VSS	728	-66
17	A8	728	183
18	A9	728	431.5

* M1DT/FT CHIP SIZE ~ 1.19 x 1.22 mm²

* M1E CHIP SIZE ~ 1.80 x 1.81 mm²

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