˜Ḥ

ỉ ○ Ḱ ˄ ◕

LP7800 / 20uA

IC 30V

MOS

1A

LP7800

5V

1MHz

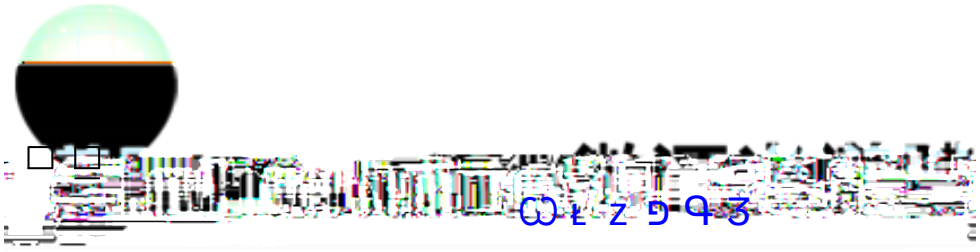
93%

10mA/

LP7800 ESOP-8

ˆ ʒ

LP



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TWS

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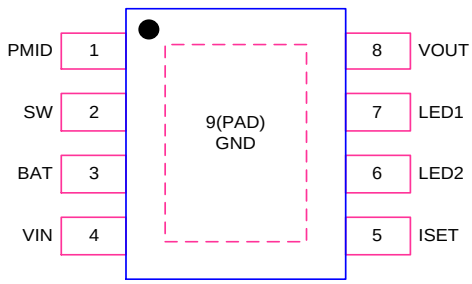
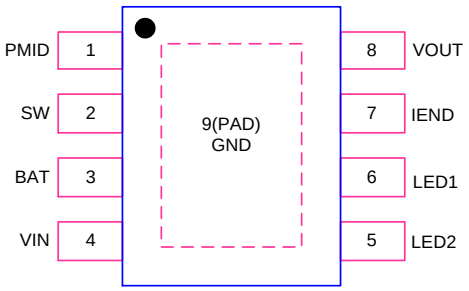
<table>
<tr><td></td><td colspan="2">LP7800A</td><td>LP7800B</td></tr>
<tr><td>ã ⅄ ʒ</td><td colspan="2"> 

ESOP-8
(Top View)</td><td> 

ESOP-8
(Top View)</td></tr>
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<tr><td>LP7800A</td><td>LP7800B</td></tr>
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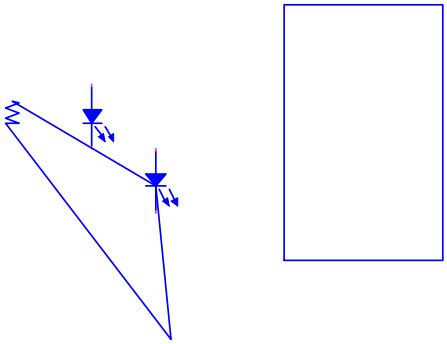



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T_A = 25°C. V_{IN} = 5V, .)

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̃Ḥ №							
V_{IN}	˜ ƀ ⅃			4.5		6	V
V_{REG}	˜ ⅃				4.4		V
V_{OVP}	⅃ Ḡ ⅃	VIN ˆ⅃			6.5		V
$V_{OCP-HYS}$	⅃ Ḡ ⅃				300		mV
V_{FLOAT}	̃Ḥ ⅃				4.2		V
I_{BAT}		LP7800A	ISET=10K		100		mA
			ISET=2K		500		mA
		LP7800B			300		mA
		V_{BAT}=4.2V ˆ⅃ ⅃ ̃			20		uA
V_{TRIKL}	̃Ḥ ⅃ ṿ				2.9		
I_{TRIKL}	̃Ḥ	V_{BAT}< V_{TRIKL}			10		%I_{BAT}
Δ V_{RECHRG}	̇P ̃Ḥ ⅃ ṿ				150		mV
I_{LED}	LED ₮				3		mA
№							

V_{out} ˆ⅃ ⅃ ₮ ⅃



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LED ˜Ḥ

˜Ḥ LED1 1Hz LED2

˜Ḥ U LED1 LED2

˜Ḥ U LED1 LED2

LED1 LED2

ㄟ 3.3V LED2 1Hz LED1

10mA ĩ ṿ

3 U LED1 LED2

˜Ḥ		
	LED1	LED2
˜Ḥ	1Hz	
˜Ḥ		
3.3 ≤ VBAT ≤ 4.2		
3 VBAT 3.3		1Hz
VBAT 3		



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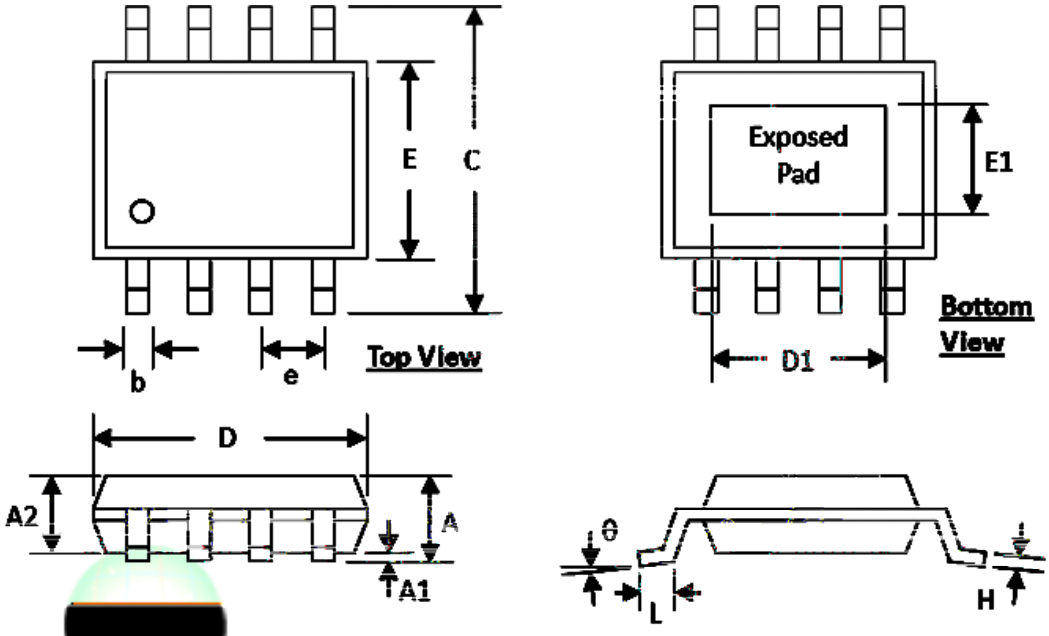
ESOP-8



SYMBOLS	DIMENSION (MM)		DIMENSION (INCH)	
	MIN	MAX	MIN	MAX
A	1.30	1.70	0.051	0.067
A1	0.00	0.15	0.000	0.006
A2	1.25	1.52	0.049	0.060
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5.00	0.189	0.197	[illegible]	[illegible]
3.45	0.124	0.136	D1	3.15
4.00	0.150	0.157	E	3.80
2.56	0.089	0.101	E1	2.26
BSC	0.050 BSC		e	1.27
0.25	0.0075	0.0098	H	0.19
1.27	0.016	0.050	L	0.41
8°	0°	8°	θ	0°