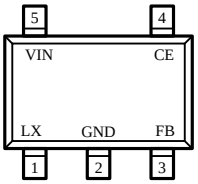
PWM DC-DC

■

LN2119 DC/DC
OLED
22V 12V OLED
2 22V
SOT23-5L PCB BOM

■

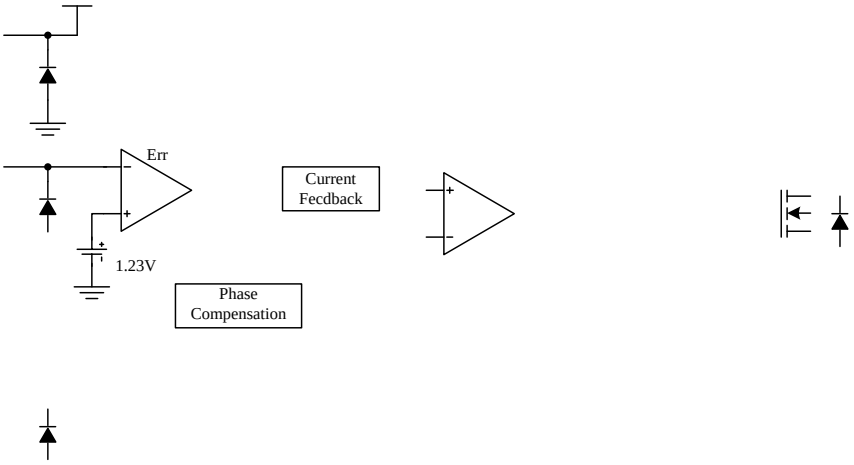


SOT23-5L
(TOP VIEW)

■

1	LX	SWITCH
2	GND	
3	FB	
4	CE	
5	VIN	

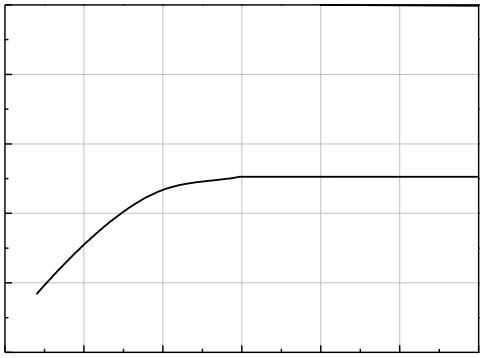
■



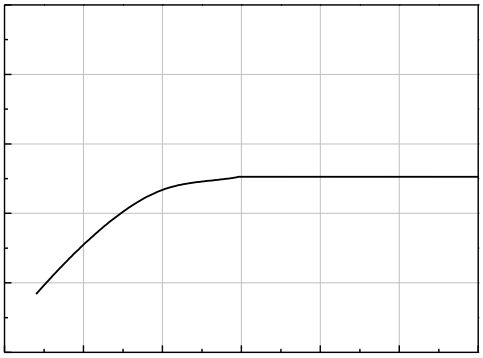
■ ■

■

1.

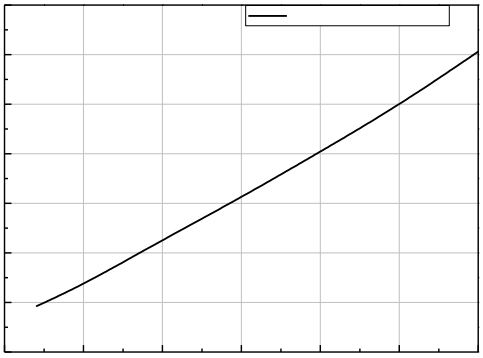


2. VS



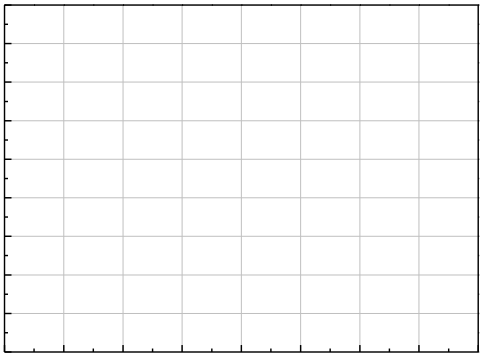
3. VS

4. VS



5.

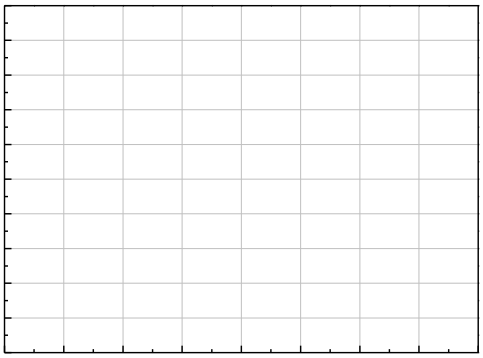
6. VS



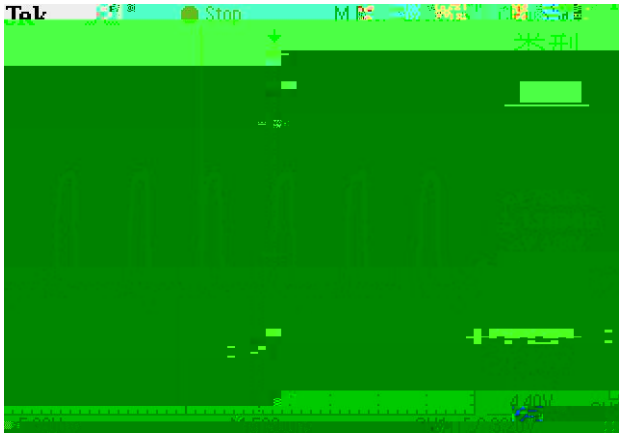
7. CE VS



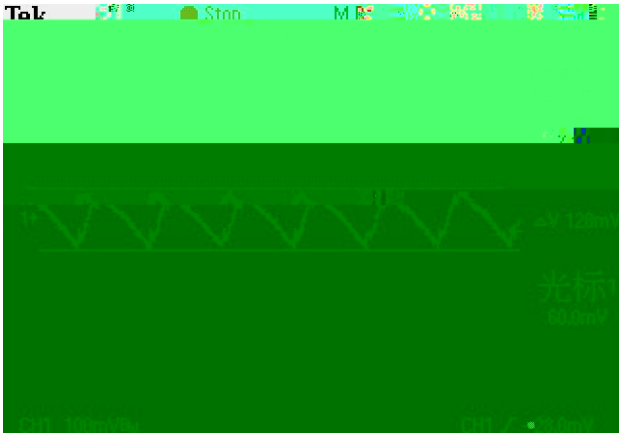
8. CE VS



9. VIN=3.6 IL=90MA)

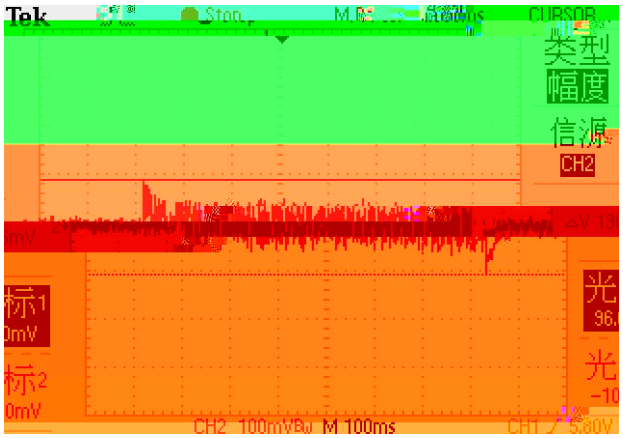


10. VIN=3.6 IL=90MA)

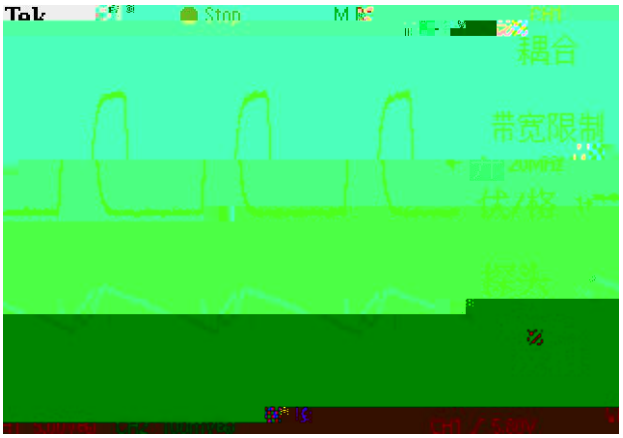


11.

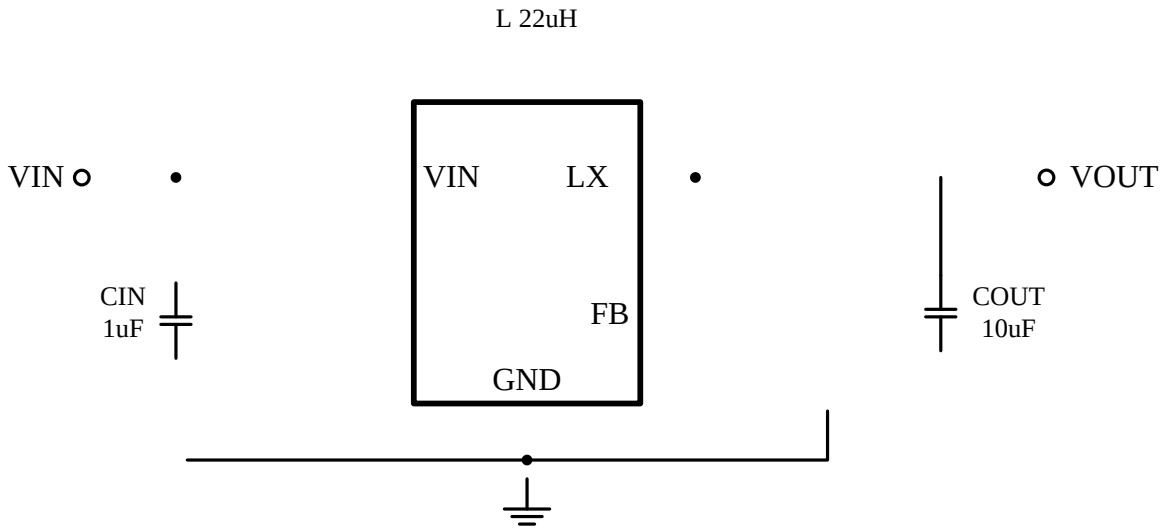
VIN=3.6V,IL=10-90-10MA)



12. LX VIN=3.6V IL=90MA)



■



VOUT

R1 R2 VOUT FB $\frac{VOUT}{VFB} = \frac{R1+R2}{R2}$ VOUT=12V R1=875K

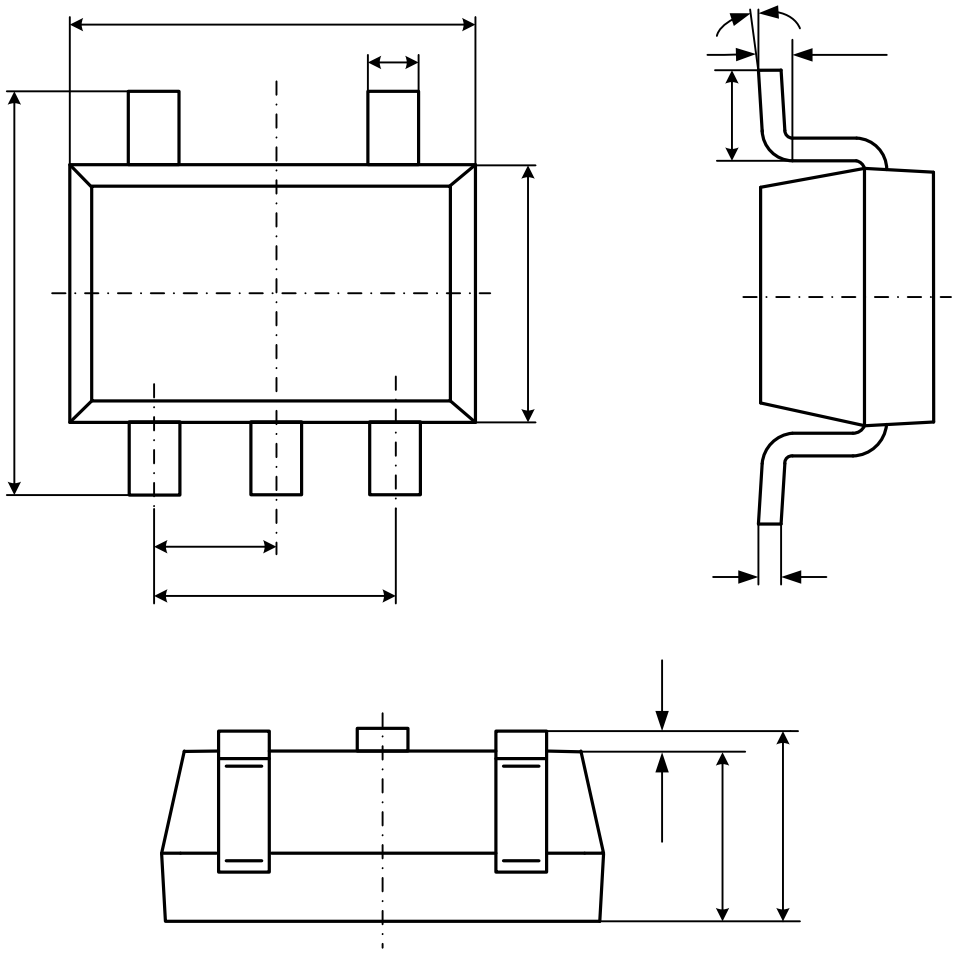
R2=100K CP=100PF

10uF

GND

■

SOT23-5L



Symbol	Dimensions In Millimeters		Dimensions In Inches	
	Min	Max	Min	Max
A	1.050	1.250	0.041	0.049
A1	0.000	0.100	0.000	0.004
A2	1.050	1.150	0.041	0.045
b	0.300	0.500	0.012	0.020
c	0.100	0.200	0.004	0.008
D	2.820	3.020	0.111	0.119
E	1.500	1.700	0.059	0.067
E1	2.650	2.950	0.104	0.116
e	0.950(BSC)		0.037(BSC)	
e1	1.800	2.000	0.071	0.079
L	0.300	0.600	0.012	0.024
	0	8	0	8