CMOS

LN1177 CMOS 1.2μA

±2%

300mA 12V ±100ppm/

1.5V 5.0V 12V

CMOS

300mA

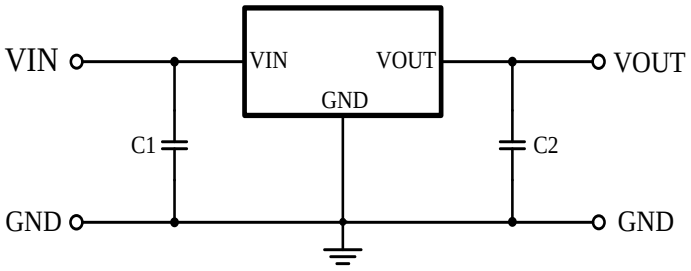
SOT-89 SOT-23

SOT89-3L

SOT23-3L

SOT23-5L

DFN1010-4L

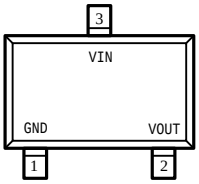


(C1) 1μF (C2) 1 μF

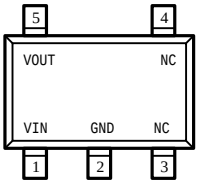
LN1177B -

	12-60	30 3.0V
	2	2 2%

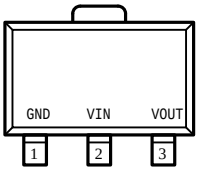
M



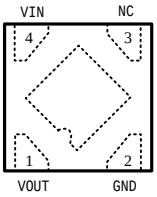
SOT23-3L
(TOP VIEW)



SOT23-5L
(TOP VIEW)



SOT89-3L
(TOP VIEW)



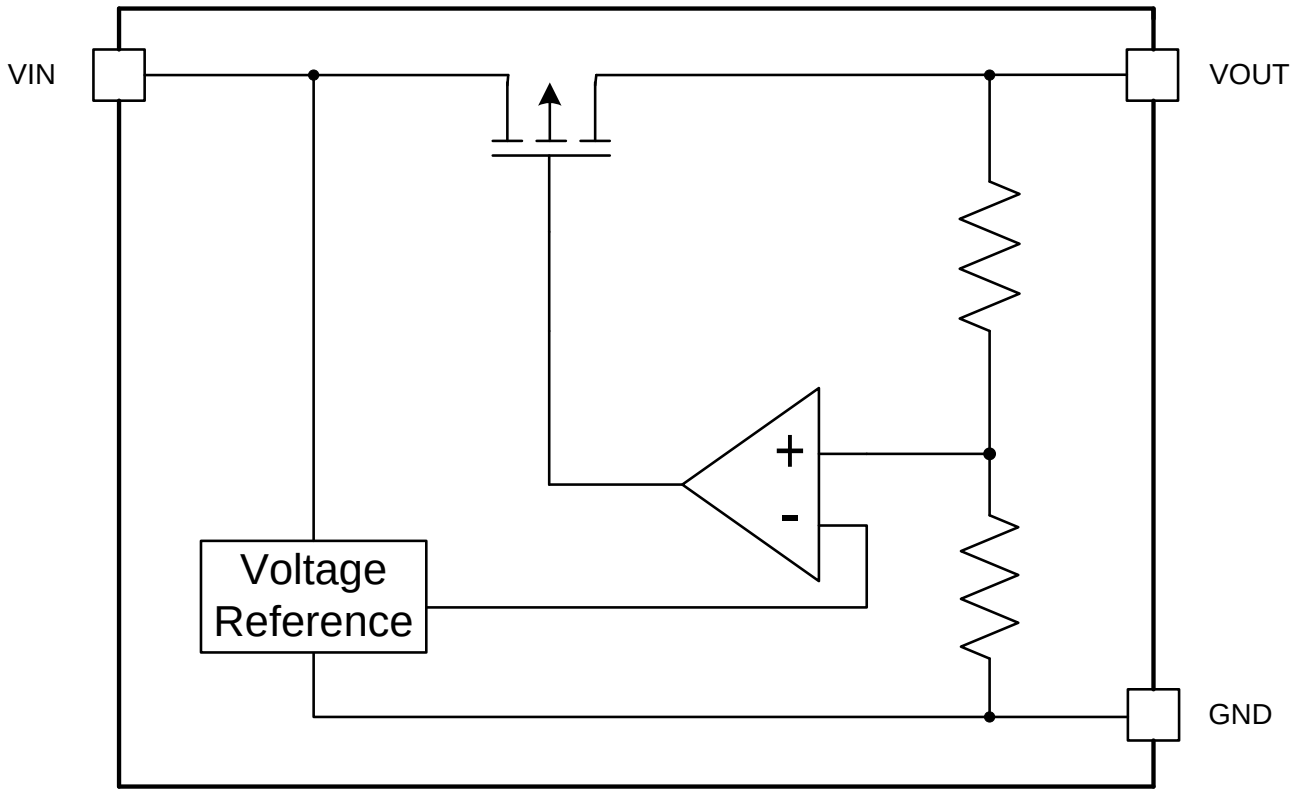
DFN1010-4L
(TOP VIEW)

SOT23-5L	**SOT89-3L**	**DFN1010-4L**	**SOT23-3L**		
2	1	2	1	GND	
1	2	4	3	VIN	
5					

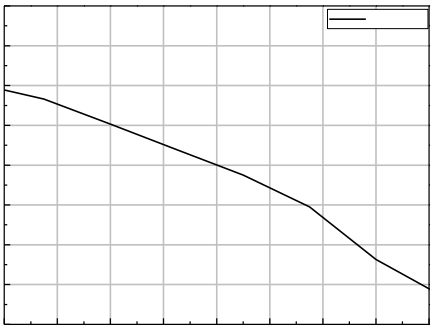
7	LN1177

		=3 =0 3.0V

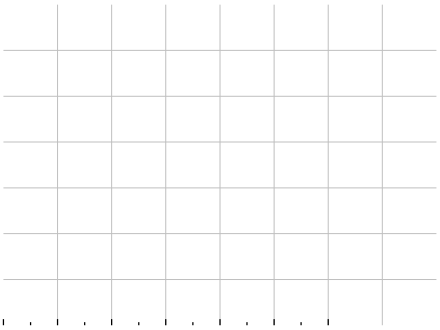
0-9 A-Z G I J O Q W



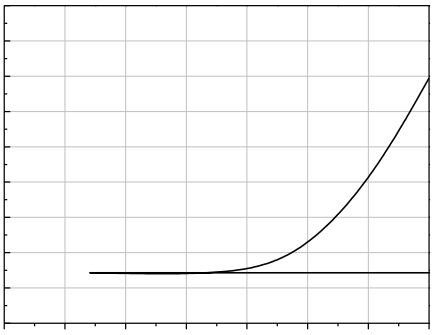
7. VS



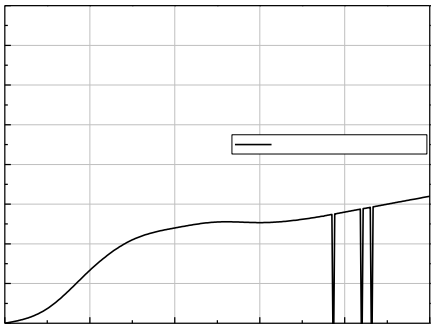
8.



9. VS



10. VOUT VS



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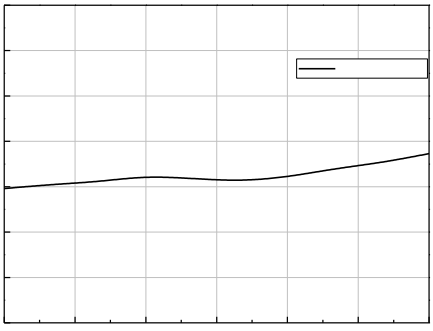
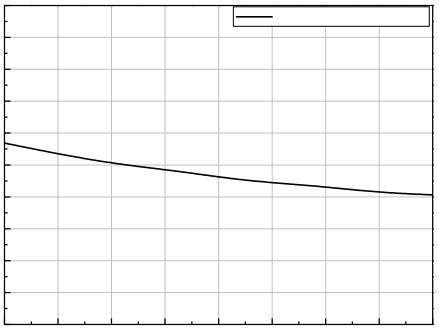
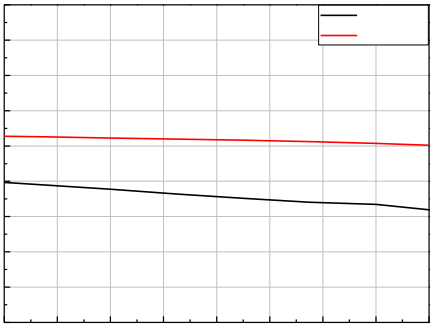


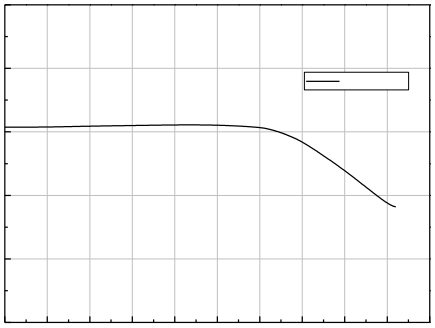
12. VOUT VS



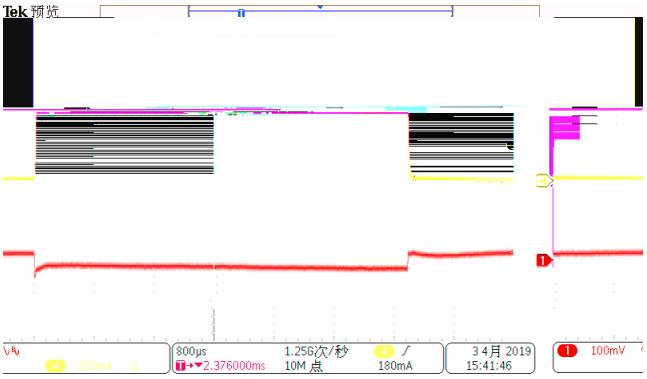
13.



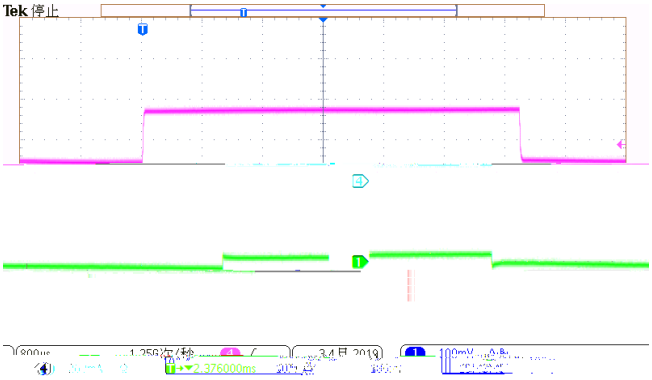
14. VS



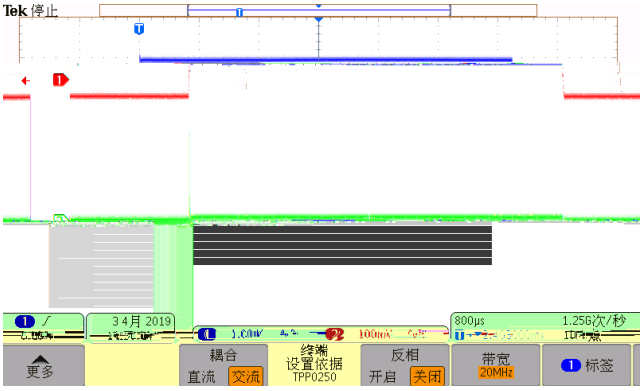
15. (VIN=6.0V, IL=10-350-10mA)



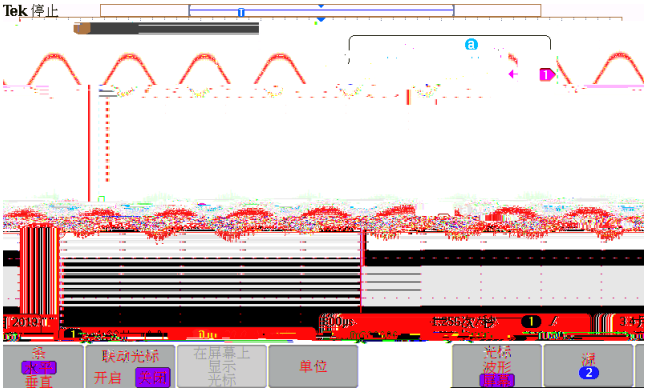
16. (VIN=6.0V, IL=100-350-100A)

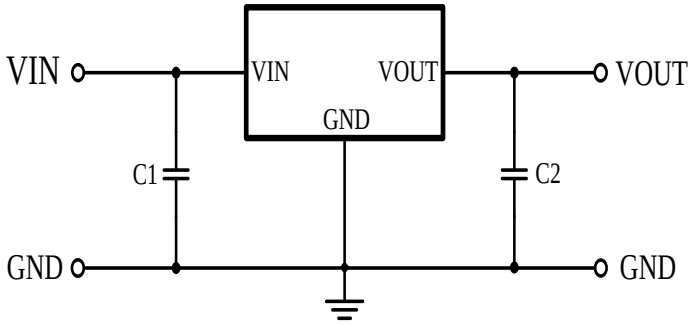


17. (VIN=6.0~7.0V, IL=30mA)



18. (VIN=6.0V, IL=50mA Vpp=1V F=1KHZ)





1uF

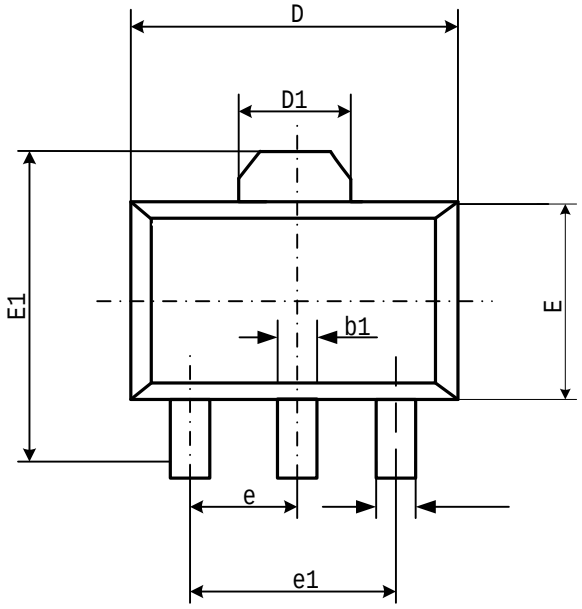
PCB

PCB

VIN VOUT

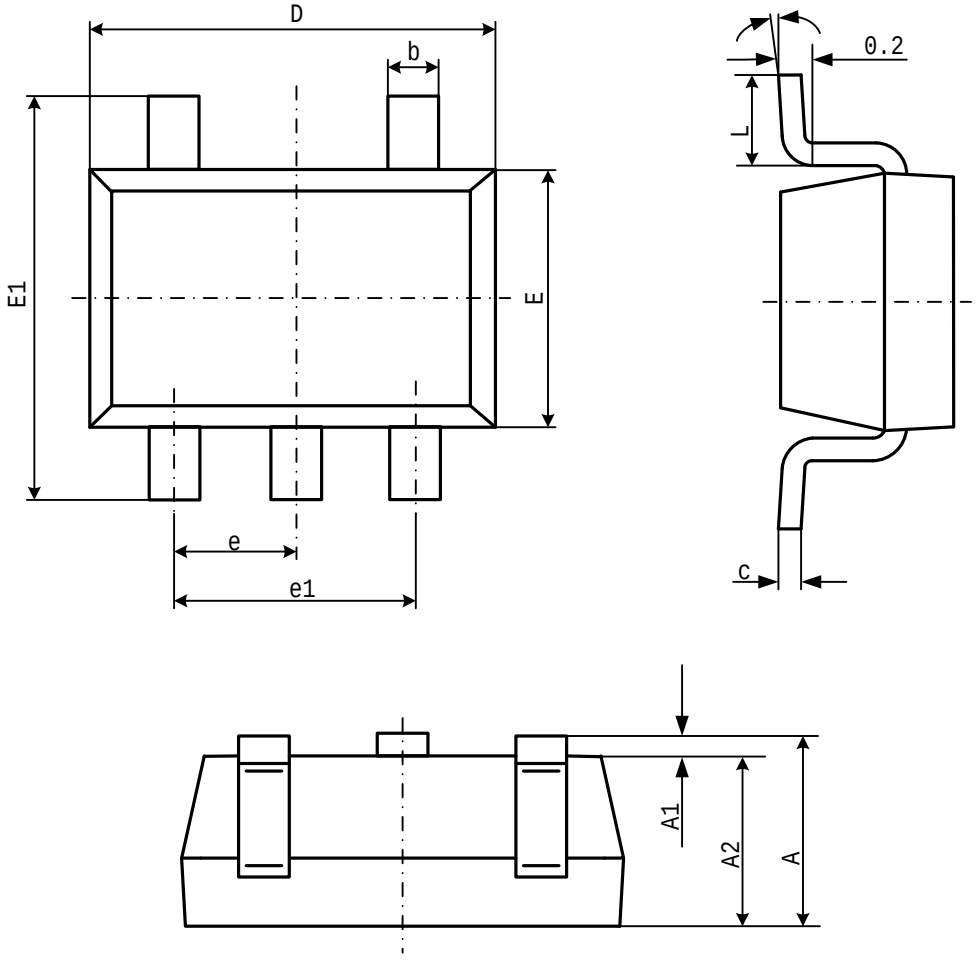
GND

SOT89-3L



南麟
NATLINEAR

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	