100mA CMOS

■

LN75XX CMOS

100mA 18V

3.0V 8.0V

CMOS

■

-
-
- /

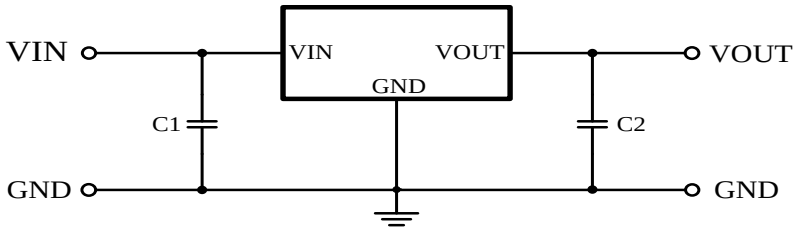
■

- 2 A
- 100mV @ Iout=1mA
- ±100ppm/
- 18V
- 100mA
- TO-92 SOT-89-3 SOT-23-3L SOT-23-5L

■

- TO-92
- SOT-89-3L
- SOT-23-3L
- SOT-23-5L

■



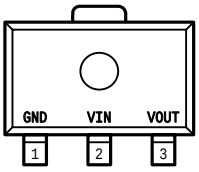
(C1) 10µF (C2) 10 µF

■

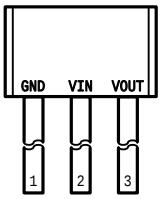
LN75

	30-80	=3 =0 3.0V
	T	TO-92
	M TO	SOT23-3L
	F	SOT23-5L

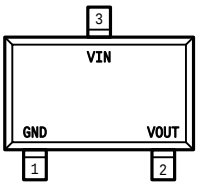
■



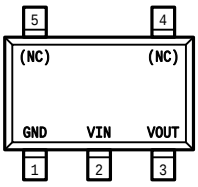
SOT-89-3L
(TOP VIEW)



TO-92
(FRONT VIEW)



SOT-23-3L
(TOP VIEW)



SOT-23-5L
(TOP VIEW)

■

SOT-89-3L	**TO-92**	**SOT23-3L**	**SOT23-5L**		
1	1	1	1	GND	
2	2	3	2	VIN	
3	3	2	3	VOUT	
-	-	-	4	NC	
-	-	-	5	NC	

- **SOT-23-3L SOT-23-5L**



	=5 LN75

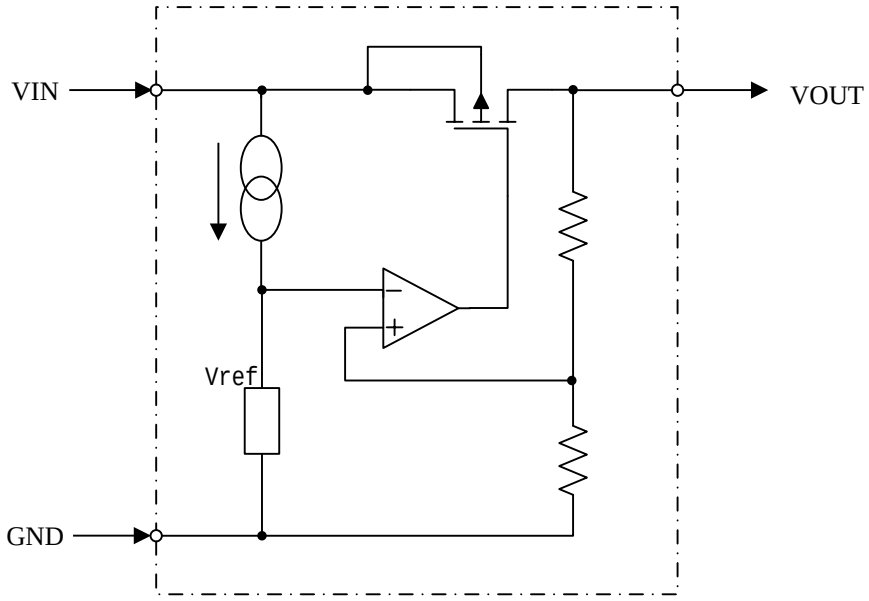
		=3 =0 3.0V

0 9 A Z G I J O Q W

” •” “ 1 ” “ 0 ” “ ” “ ”

“ 010010 ”

■

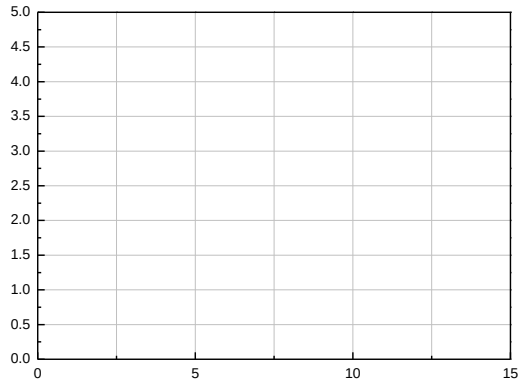


■

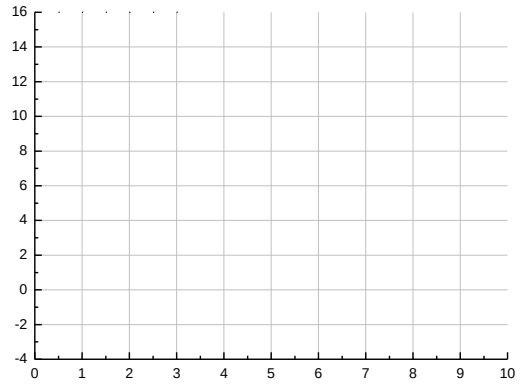
		Vin	-0.3 18	V
	SOT-89-3L	Pd	500	mW
	SOT-23-3L		250	
	SOT-23-5L			
	TO-92		300	
		Topr	-40 +85	
		Tstg	-40 +125	

■

1. VS



2. VS



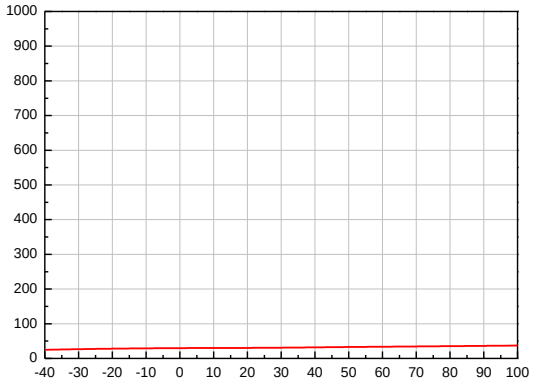
3. VS

4. GND VS

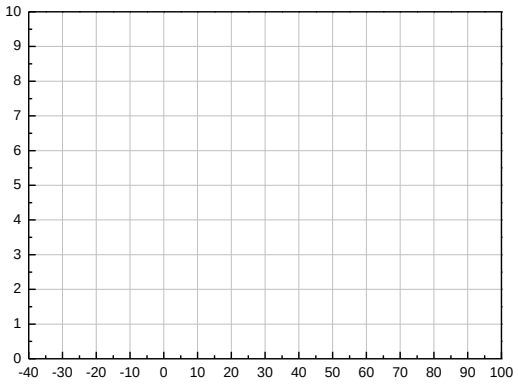
5. GND VS



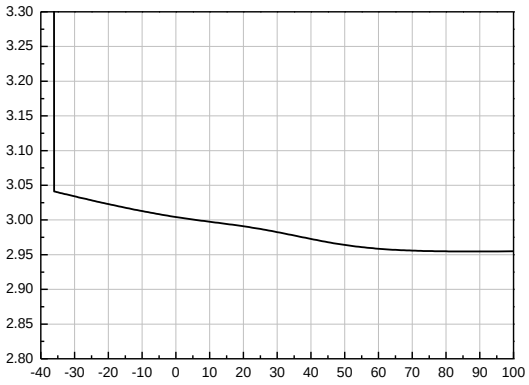
6. VS



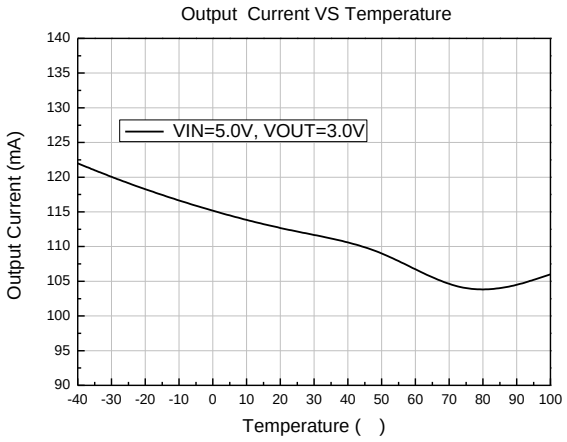
7. **VS**



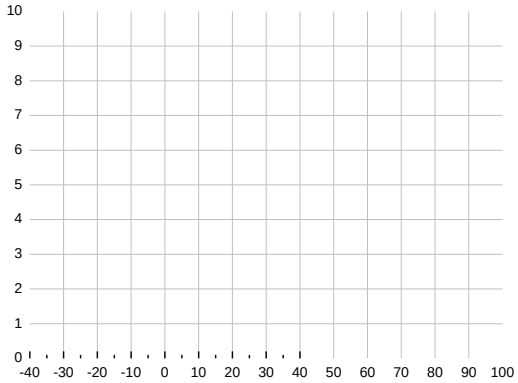
8. **VS**



9. **VS**

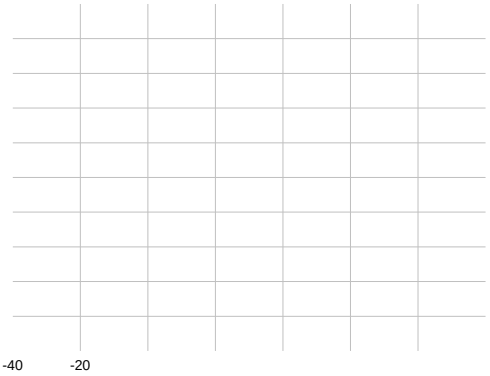


10. **VS**

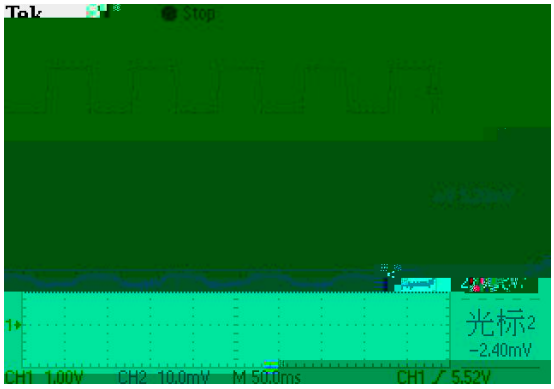


11. **VS**

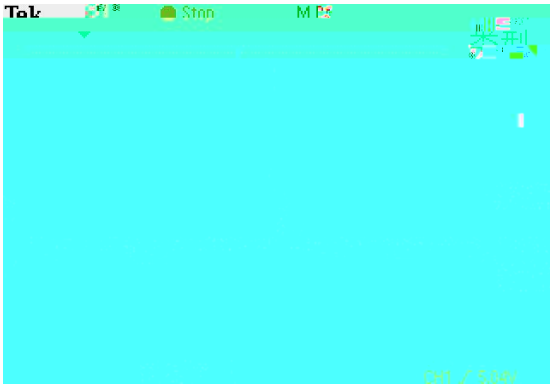
12. **VS**



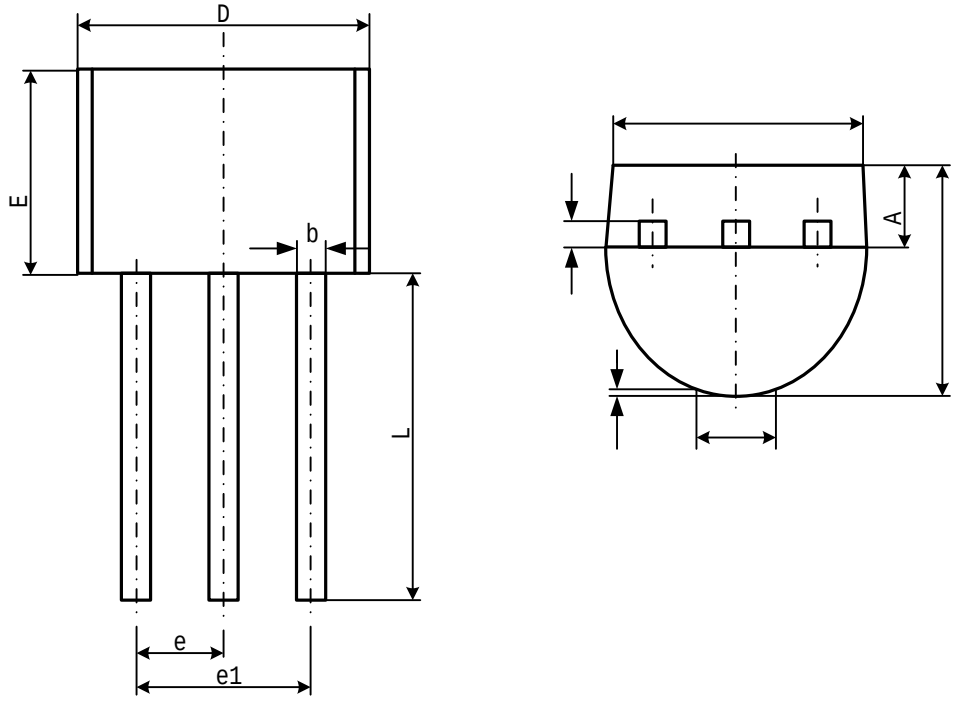
14. **VIN=5.0V-6.0V, IL=10mA**



15. **VIN=5.0V, IL=0-75-0mA**

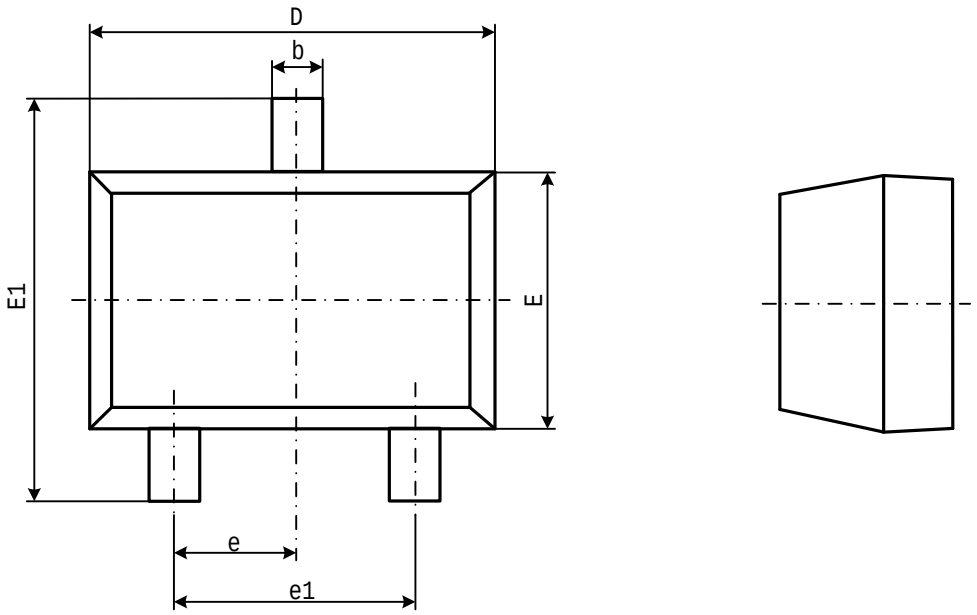


- **TO-92**



Symbol	Dimensions In Millimeters		Dimensions In Inches	
	Min	Max	Min	Max
A	3.300	3.700	0.130	0.146
A1	1.100	1.400	0.043	0.055
b	0.380	0.550	0.015	

- **SOT-23-3L**



Symbol	Dimensions In Millimeters	Dimensions In Inches
	Min	

- SOT-j5 4 7332 m5593 G 24 0 24 0 24 0 Tm 23 B 1 0 0 1 1082 4 1248 -24 0 24 0 24 m 7332 m5593 G 10898 -24 0 24 0 Tm 5 L 7332 m5593 G 1196 Tm 4 0 2