MicroPower , Ultra-Sensitive CMOS Hall IC

General Description

LN4919 is with proprietary Hall effect plate and single CMOS output driver,

Marking

Part Number	Package	Marking	Part Number	Package	Marking
LN4919SMR	SOT23-3L	9SMY	LN4919NMR	SOT23-3L	9NMY
LN4919STR	TSOT23-3L	9STY	LN4919NTR	TSOT23-3L	9NTY

Absolute Maximum Ratings

Symbol

Mangentic Characteristics

(T_A=+25 ,V_{DD}=3.0V, Unless otherwise specified)

Symbol	Min	Typ	Max	Unit
BOPS	2	3.5	5	mT
BRPS	1	2.0	4.0	mT
BOPN	-5	-3.5	-2.0	mT
BRPN	-4.0	-2.0	-	

■ Package

SOT-23-3L



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 TYP		0.037 TYP	
L	0.300	0.600	0.012	0.024
θ	0°	8°	0°	8°