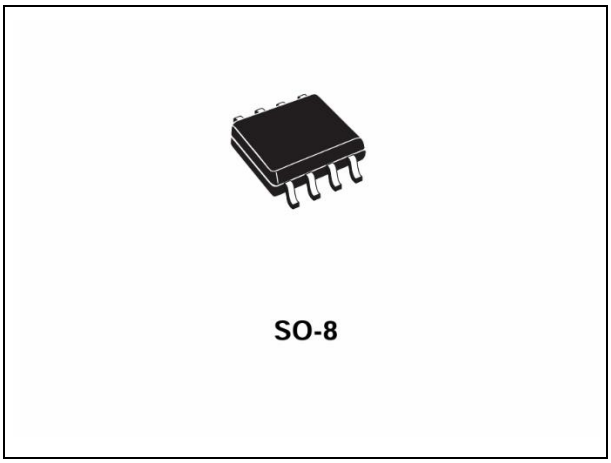
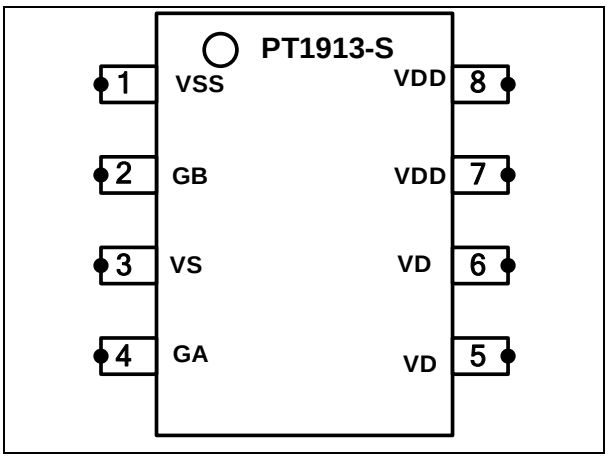
简介

PT1913 是一款双通道的控制芯片，当与 PT1939 一起使用可以起到逻辑转换的作用。



应用范围

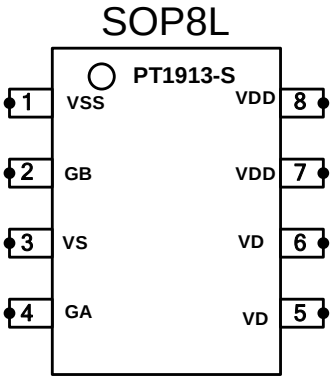
- PT1939 一起使用提高整体效率



订购信息

订购编号	封装类型	正印
PT1913-S	SOP 8pin	PT1913-S

引脚架构



引脚说明

引脚名称	说明（PT1913）	SOP8
VD	1 通道输入	5,6
VDD	2 通道输入	7,8
VSS	2 通道输出	1
VS	1 通道输出	3
GA	1 通道控制极	4
GB	2 通道控制极	2

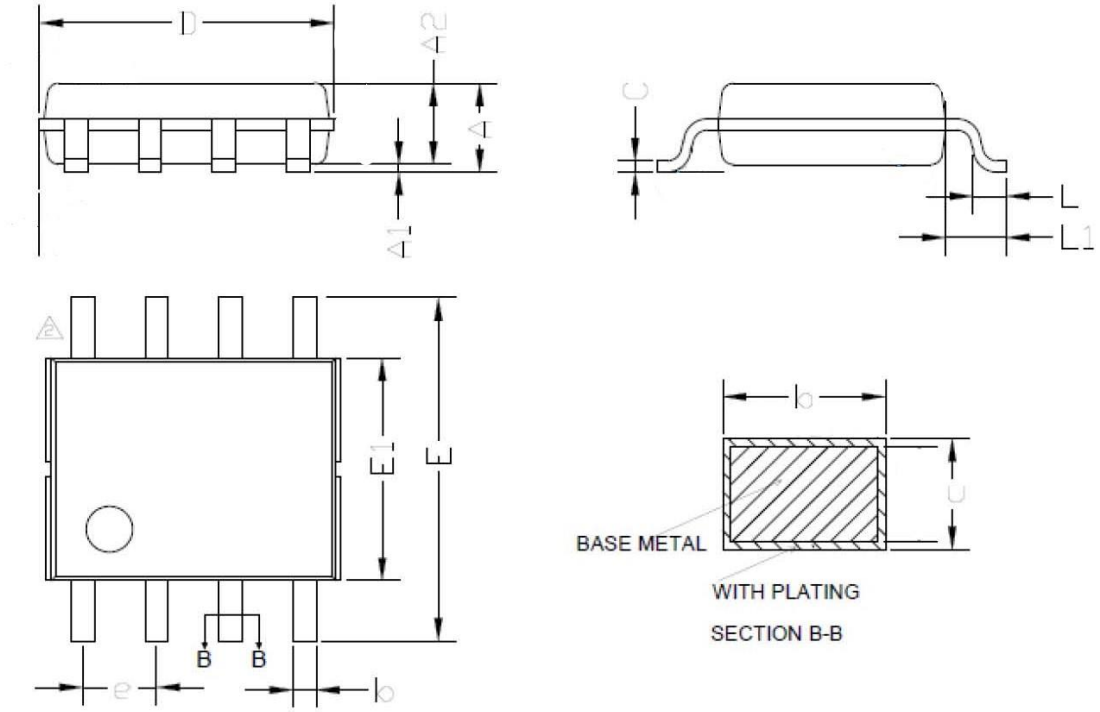
电气特性参数

(如无特殊说明, T_A=25℃)

参数	符号	测试条件	最小值	典型值	最大值	单位
Drain-Source Breakdown Voltage	$V_{(BR)DSS}$	VGS =0V, ID =250μA	300	-	-	V
Static Drain-Source On-Resistance	$R_{DS(ON)}$	VGS =10V, ID=0.5A	-	4	5	Ω
Gate Threshold Voltage	$V_{GS(th)}$	VDS = VGS, ID =250μA	2	-	4	V
Drain-to-Source Leakage Current	I_{DSS}	VDS =300V, VGS =0V	-	-	1	uA
Gate-Body Leakage Current	I_{GSS}	DS =0V, VGS =±30V	-	-	±100	nA
Operating and Storage Temperature	T_J, T_{STG}	-	-55	-	150	℃

封装信息

SOP8L



Symbol	Dimensions(mm)		
	Min.	Nom.	Max.
A	-	-	1.65
A1	0.00	-	0.25
A2	1.40	1.42	1.50
b	0.33	-	0.47
c	0.20	-	0.24
e	1.27 BSC		
D	4.90 BSC		
E	6.00 BSC		
E1	3.90 BSC		
L1	1.05 BSC		
L	0.50	0.60	0.7
Θ5	0°	-	6°

Notes:

1. Refer to JEDEC MS-012 BA
2. All dimensions are in millimete

IMPORTANT NOTICE

Princeton Technology Corporation (PTC) reserves the right to make corrections, modifications, enhancements, improvements, and other changes to its products and to discontinue any product without notice at any time.

PTC cannot assume responsibility for use of any circuitry other than circuitry entirely embodied in a PTC product. No circuit patent licenses are implied.

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