

用途:用于开关、反相电路、界面电路以及驱动电路中。

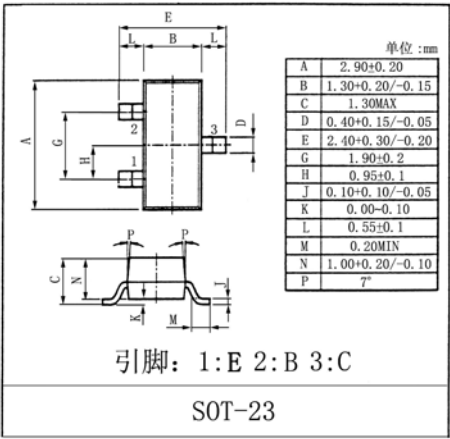
Purpose: Switching, inverter circuit, interface circuit and driver circuit applications.

特点:内装偏置电阻，简化线路设计，减少元件和制造流程。

Features: With built-in bias resistors, simplify circuit design, reduce a quantity of parts and manufacturing process.

极限参数/Absolute maximum ratings(Ta=25℃)

参数符号 Symbol	数值 Rating	单位 Unit
V _{CC}	-50	V
V _{IN}	-12	V
	5.0	V
I _C	-500	mA
P _d	200	mW
T _j	150	℃
T _{stg}	-55~150	℃



电性能参数/Electrical characteristics(Ta=25℃)

参数符号 Symbol	测试条件 Test condition	数值 Rating			单位 Unit
		最小值 Min	典型值 Typ	最大值 Max	
V _{I(off)}	V _{CC} =-5.0V I ₀ =-100 μ A			-0.3	V
V _{I(on)}	V ₀ =-0.3V I ₀ =-20mA	-2.0			V
V _{0(on)}	I ₀ =-50mA I _I =-2.5mA		-0.1	-0.3	V
I _I	V _I =-5.0V			-3.6	mA
I _{0(off)}	V _{CC} =-50V V _I =0V			-0.5	μ A
G _I	V ₀ =-5.0V I ₀ =-50mA	56			
f _T	V _{CE} =-10V I _E =5.0mA f=100MHz		200		MHz
R ₁		1.54	2.2	2.86	KΩ
R ₂ /R ₁		3.6	4.5	5.5	

印章/Marking: HF52

等效电路图

