■ 产品概述

AK4054 - K

AK4054 - K USB

MOSFET

4.2V

1/10

AK4054 - K (USB

) AK4054 - K

2μA AK4054 - K ,

25μA

■ 产品特点

- 500mA.
- MOSFET
-
- /
- USB
- 4.2V ±1%
-
-
- C/10
- 25μA
- 2.9V
-
- ESD(HBM)>7KV

■ 用途

PDA MP3

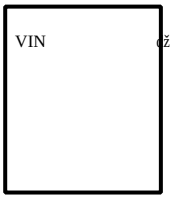
■ 封装

SOT-23-5L

SOT-89-5L

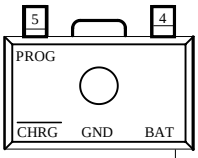
■ 路

VIN

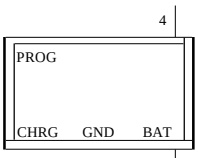


GND

■ 引脚配置



SOT-89-5L
(TOP VIEW)



SOT-23-5L
(TOP VIEW)

■ 引脚分配

引脚号		引脚名称
SOT-23-5L	SOT-89-5L	
1	1	CHRG
2	2	GND
3	3	BAT
4	4	VIN
5	5	PROG

■ 引脚功能

■ 打印信息

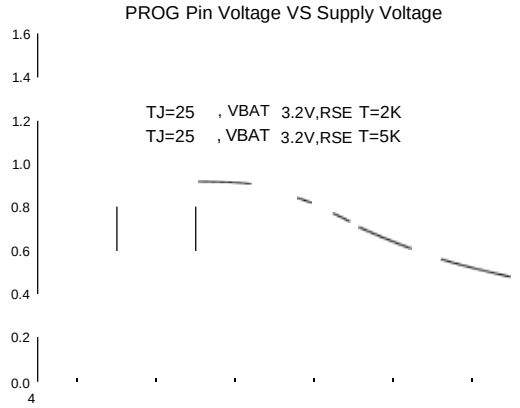
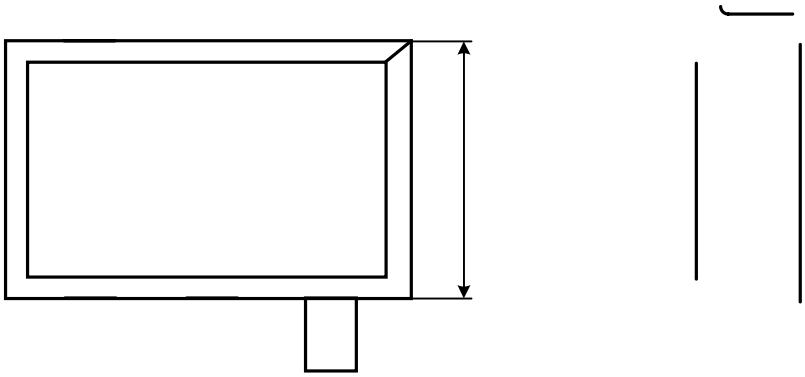
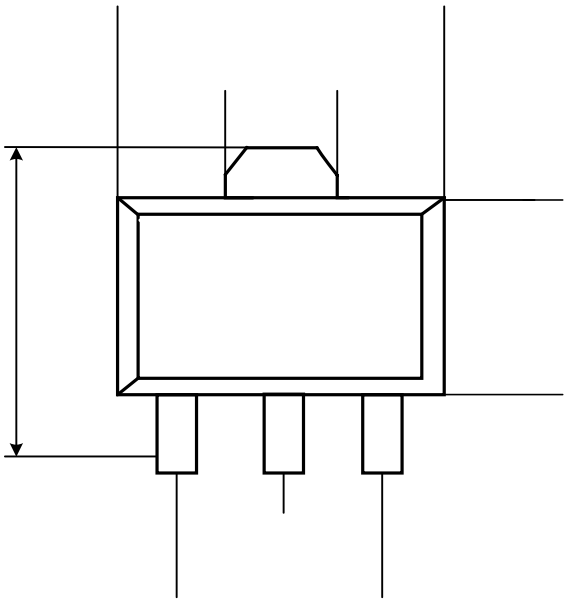
- **SOT-89-5L、SOT-23OT**

■ 电学特性参数

℃

参数	标号	条件	最低	典型	最高	UNIT
	Vcc	-	4.2	-	6.5	V
	Icc	Charge mode,Rprog=10K	-	240	500	ÕA
		Standby mode	-	45	90	ÕA
		Shutdown mode(Rprog not connected,Vcc<Vbat or Vcc<Vuv)	-	25	50	ÕA
	Vfloat	0 <TA<85 , IBAT = 40mA	4.2	4.24	4.28	V
BAT	Ibat	Rprog=10k,Current mode	93	100	107	mA
		Rprog=2k,Current mode	465	500	535	mA
		Standby mode,Vbat=4.2V	0	-2.5	-6	ÕA
		Shutdown mode	-	1	2	ÕA
		Battery reverse mode, VBAT=-4V	-	0.7		mA
		Sleep mode,Vcc=0V	-	0	1	ÕA

7. PROG VS


PROG Pin Voltage VS Supply Voltage
TJ=25 , VBAT 3.2V,RSE T=2K
TJ=25 , VBAT 3.2V,RSE T=5K
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
4

8. VS