■ 产品概述

AK4054 - K

AK4054 - K USB

MOSFET

4.2V

1/10

AK4054 - K (USB

) AK4054 - K

2μA AK4054 - K ,

25μA

■ 用途

PDA MP3

■ 路

VIN

VIN

GND

■

500mA.

MOSFET

/

USB

4.2V ±1%

C/10

25μA

2.9V

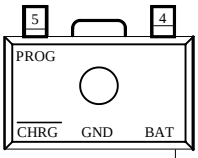
ESD(HBM)>7KV

■ 封装

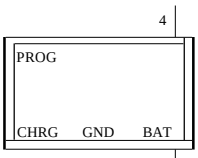
SOT-23-5L

SOT-89-5L

■ 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

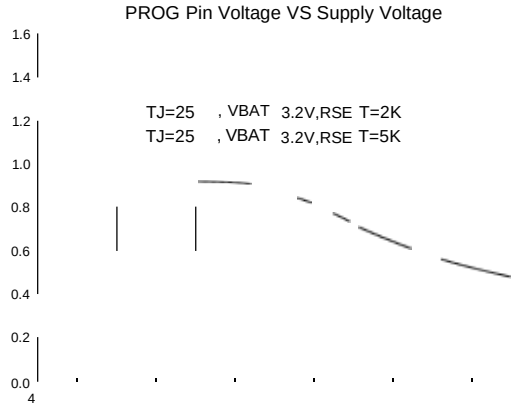
■ 打印信息

- **SOT-89-5L、SOT-23OT**

	标号	条件	最低	典型	最高	UNIT
	Vcc	-	[redacted]	[redacted]	6.5	V
	Icc	Charge mode,Rprog=10K	-	[redacted]	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	[redacted]	4.28	V
BAT	Ibat	Rprog=10k,Current mode	93	[redacted]	[redacted]	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 [redacted]	-	0.7	[redacted]	mA
		Sleep mode,Vcc=0V	-	0	1	ÕA

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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

