



PNP General Purpose Amplifier



Features

- Moisture sensitivity level 1
- Halogen free and RoHS compliant
- Surface mount package ideally suited for automatic insertion

Application

Mechanical data

Package SOT-23
Terminals

Item	Symbol	Unit	Conditions	Value
Device marking code			2SA1036-Q	APQ
			2SA1036-R	APR
Collector-base voltage	V_{CBO}	V	$I_C = -100\mu A, I_E = 0$	-40
Collector-emitter voltage	V_{CEO}	V	$I_C = -1mA, I_B = 0$	-32
Emitter-base voltage	V_{EBO}	V	$I_E = -100\mu A, I_C = 0$	-5
Collector current	I_C	A		-0.5
Power dissipation	P_D	mW		200
Junction temperature	T_J			-55 to +150
Storage temperature	T_{STG}			-55 to +150

2SA1036



■Characteristics

Fig 1 Static Characteristics

Fig 2 DC Current Gain

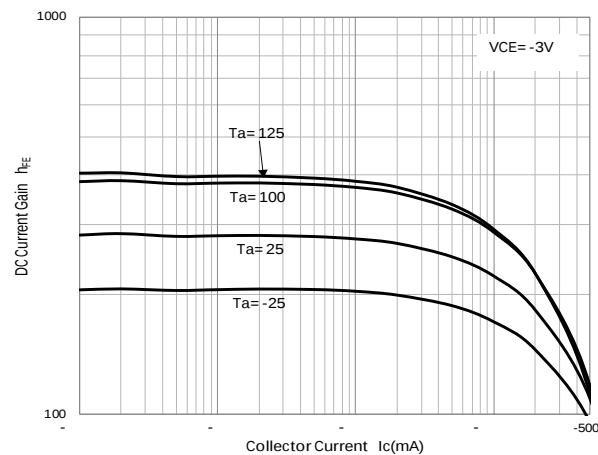


Fig 3 Collector-Emitter Saturation Voltage

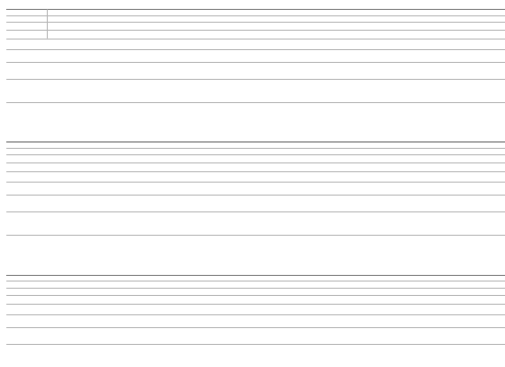


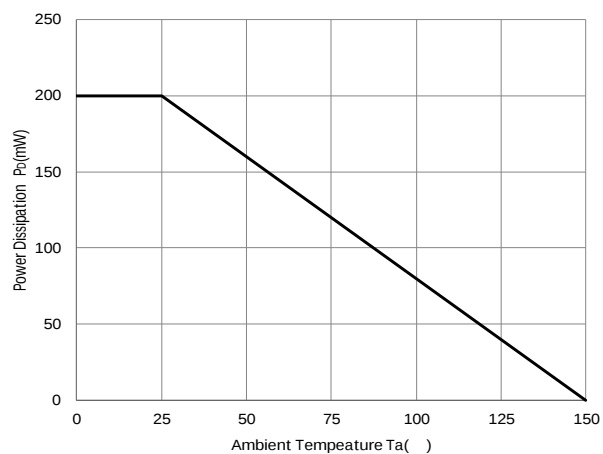
Fig 4 Base-Emitter Saturation Voltage

Fig 5 Base-Emitter On Voltage

Fig 6 Cob/Cib-V_{CB}/V_{EB}



Fig 7 P_D-T_a Curve



~³
v2UGHULQJ ,QIRUPDWLRQ

0³

3UHIHUUHÇ	3DFNL FRGH	8QLW ZHLJ	0LQLPXP SDFNDJH	,QQHU ER TXDQWLW\	2XWHU FDU TXDQWLW\	'HOLYHU\ PRGH
6\$	)	\$SSUR[LPDWH				UHHC
6\$	)	\$SSUR[LPDWH				UHHC

v2XWOLQH 'LPHQVLRQV

v6XJJHVWHG 3DG /D\RXW

0³

0³

