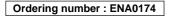
查询TT2234供应商





TT2234

SANYO Semiconductors DATA SHEET

NPN Triple Diffused Planar Silicon Transistor Color TV Horizontal Deflection Output Applications

Features

- High speed.
- High breakdown voltage (VCBO=1500V).
- High reliability (Adoption of HVP process).
- · Adoption of MBIT process.
- On-chip damper diode.

Specifications

Absolute Maximum Ratings at Ta=25°C

Parameter	Symbol	Conditions Ratings	Unit
Collector-to-Base Voltage	VCBO	1500	V
Collector-to-Emitter Voltage	VCEO	800	V
Emitter-to-Base Voltage	VEBO	5	V
Collector Current	IC	5	А
Collector Current (Pulse)	ICP	12	А
Collector Dissipation	PC	3.0	W
		Tc=25°C 55	W
Junction Temperature	Tj	150	°C
Storage Temperature	Tstg	-55 to +150	°C

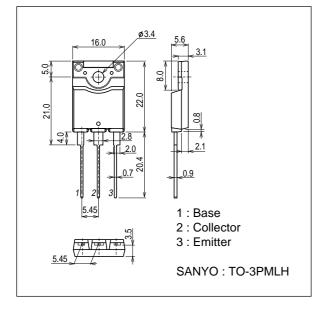
Electrical Characteristics at Ta=25°C

Parameter	Symbol	Conditions		Ratings		
			min	typ	max	Unit
Collector Cutoff Current	Ісво	V _{CB} =800V, I _E =0A			10	μA
Collector Cutoff Current	ICES	VCE=1500V, RBE=0Ω			1.0	mA
Collector Sustain Voltage	VCEO(sus)	IC=100mA, IB=0A	800			V
Emitter Cutoff Current	IEBO	VBE=4V, IC=0A	40		130	mA
DC Current Gain	hFE1	VCE=5V, IC=0.5A	10			
	hFE2	V _{CE} =5V, I _C =3A	5	-1	8	0
Collector-to-Emitter Saturation Voltage	VCE(sat)	IC=2.7A, IB=0.54A		2.	3	V
Base-to-Emitter Saturation Voltage	VBE(sat)	IC=2.7A, IB=0.54A		Sec. M	1.5	V
Diode Forward Voltage	VF	IEC=4A		1 m	2	V
Fall Time	tf	IC=1.8A, IB1=0.36A, IB2=-0.72A			0.3	μs

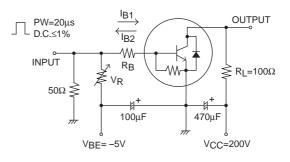
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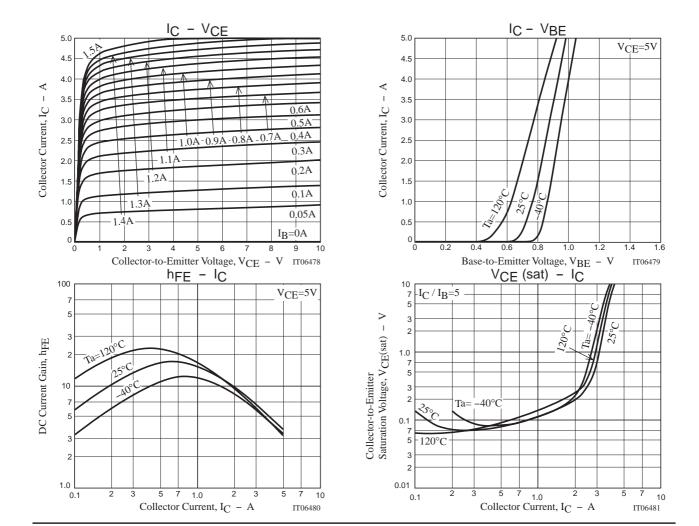
Package Dimensions

unit : mm 7504-001



Switching Time Test Circuit





TT2234

V_{CC}=200V

IC=1.8A

3

120

140

160

IT10382

5

 $L{=}500 \mu H$

I_{B2}= -1.0A Tc=25°C

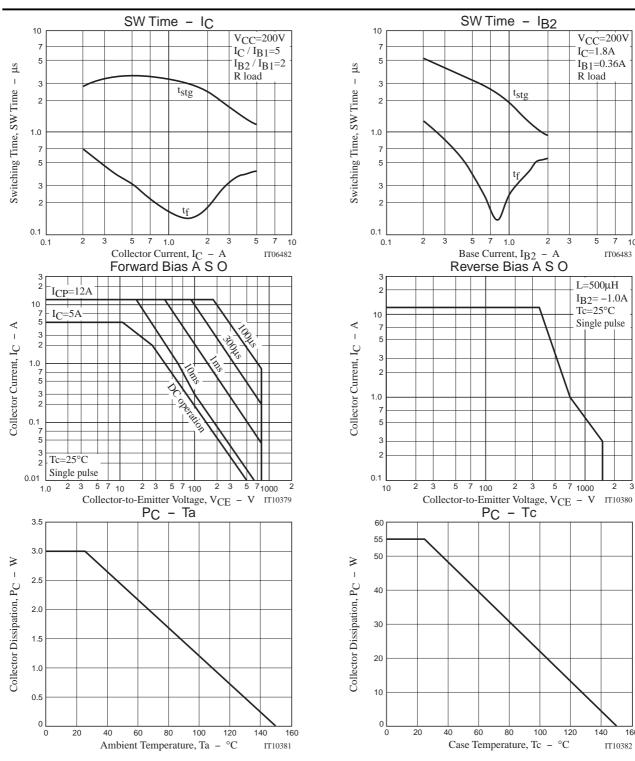
Single pulse

7 10

3

IT06483

I_{B1}=0.36A R load



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