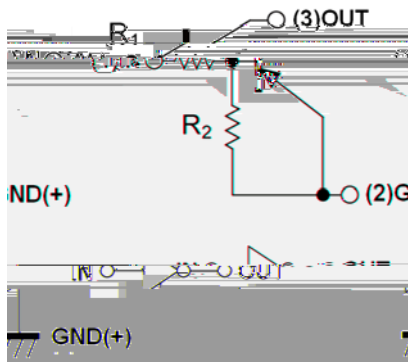


PNP Digital Transistors (Built-in Resistors)



Features

- High current gain
- Low input capacitance
- Low output capacitance
- Low power dissipation
- High reliability

Application

- Switching
- Signal processing

Mechanical data

- Package: TO-18
- Terminals: 3
- Lead length: 0.5 mm
- Lead thickness: 0.1 mm
- Lead width: 0.2 mm

Maximum Ratings

Item	Symbol	Unit	Conditions	Value
Collector current	I_C	A		100
Collector-emitter voltage	V_{CE}	V		50
Collector current (continuous)	$I_{C,cont}$	A		10
Collector-emitter voltage (continuous)	$V_{CE,cont}$	V		5
Collector current (pulsed)	$I_{C,pulse}$	A		100
Collector-emitter voltage (pulsed)	$V_{CE,pulse}$	V		50
Storage temperature	T_{stg}	°C		-55 to 150
Operating temperature	T_{op}	°C		-55 to 150



DTA114EE

Electrical Characteristics

Item	Symbol	Unit	Conditions	Min	Typ	Max
Q}] ~ cÁÇ [[cæ*^Á	X _{Q_cT}	XÁ	X ₀₀ MÉ Í XÉ ₀ MÉF€€ ~ CEÁ	E€É Í Á	Á	Á
	X _{Q_cL}	XÁ	X ₀ MÉ€EHXÉ ₀ MÉF€ (CEÁ	Á	Á	EHÁ

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