



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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# 2N3778 (#23707)

RFQ/Sample

## PNP Transistor

Package  
TO-5(STD)

<b>Division</b>	<a href="#">Ireland</a>	<b>Datasheet</b>	(none)
<b>Mil-Spec</b>	(none)	<b>Spice Data</b>	(none)
<b>Shipping</b>	(none)	<b>Qual Data</b>	Contact Microsemi

Maximum Electrical Rating	Symbol	Max	Unit
<b>Power Dissipation</b>	<b>Power</b>	5	W
<b>Collector Current</b>	$I_C$	1	A
<b>Breakdown Voltage Collector-to-Base</b>	$BV_{(CBO)}$	40	V
<b>Voltage Collector to Emitter Open</b>	$V_{CEO}$	40	V
<b>Voltage Emitter to Base Open</b>	$BV_{EBO}$	8	V

Electrical Rating	Symbol	Min	Typ	Max	Unit
<b>Collector Emitter Saturation Voltage</b> ( $I_B=40\text{ mA}$ , $I_C=200\text{ mA}$ , $T_A=25\text{ }^\circ\text{C}$ , 300 $\mu\text{s}$ pulse)	$V_{CE(sat)}$			0.2	V
<b>DC Current Gain</b> ( $I_C=200\text{ mA}$ , $T_A=25\text{ }^\circ\text{C}$ , 300 $\mu\text{s}$ pulse)	<b>HFE</b>	10		40	

