imall

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

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832 Email & Skype: info@chipsmall.com Web: www.chipsmall.com Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



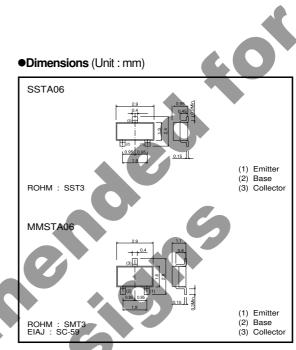
NPN General Purpose Transistor **SSTA06 / MMSTA06**

Features

- 1) BVCEO < 80V (IC=1mA)
- 2) Complements the SSTA56 / MMSTA56.

•Package, marking and packaging specifications

Part No.	SSTA06	MMSTA06	
Packaging type	SST3	SMT3	
Mark	R1G	R1G	
Code	T116	T146	
Basic ordering unit (pieces)	3000	3000	



Absolute maximum ratings (Ta=25°C)

Parameter	Symbol	Limits	Unit		
Collector-base voltage	Исво	80	V		
Collector-emitter voltage	Vceo	80	v		
Emitter-base voltage	Vево	4	V		
Collector current	lc	0.5	А		
Collector power dissipation	Pc	0.2	W		
Collector power dissipation		0.35	W *		
Junction temperature	Tj	150	°C		
Storage temperature	Tstg	-55 to +150	°C		
* Mounted on 7x5x0.6mm ceramic substrate.					

Mounted on 7x5x0.6mm ceramic substr



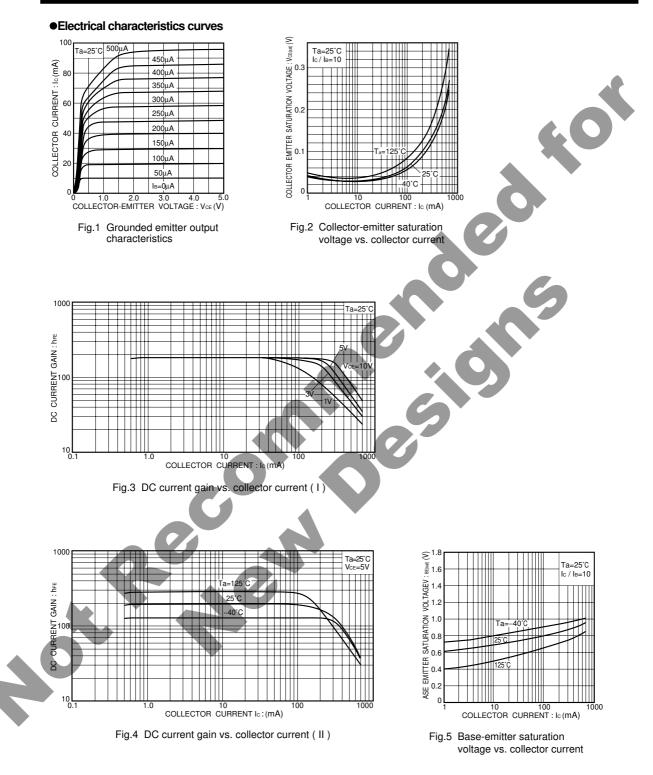
•Electrical characteristics (Ta=25°C)

Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions
Collector-base breakdown voltage	ВУсво	80	-	-	V	Ic=100µA
Collector-emitter breakdown voltage	BVCEO	80	-	-	V	Ic=1mA
Emitter-base breakdown voltage	BVEBO	4	-	-	V	IE=100µA
Collector cutoff current	ICBO 0.1		Vcb=80V			
Collector cutori current	ICEO	-	-	1	μA	Vce=60V
Collector-emitter saturation voltage	VCE(sat)	-	-	0.25	V	Ic/IB=100mA/10mA
Base-emitter saturation voltage	VBE(ON)	-	-	1.2	V	Vce/lb=1V/100mA
DC current transfer ratio	hFE	100	-	-		VCE=1V, IC=10mA
		100	-	-		VCE=1V, IC=100mA
Transition frequency	fт	100	-	-	MHz	Vce=2V, IE= -10mA, f=100MHz

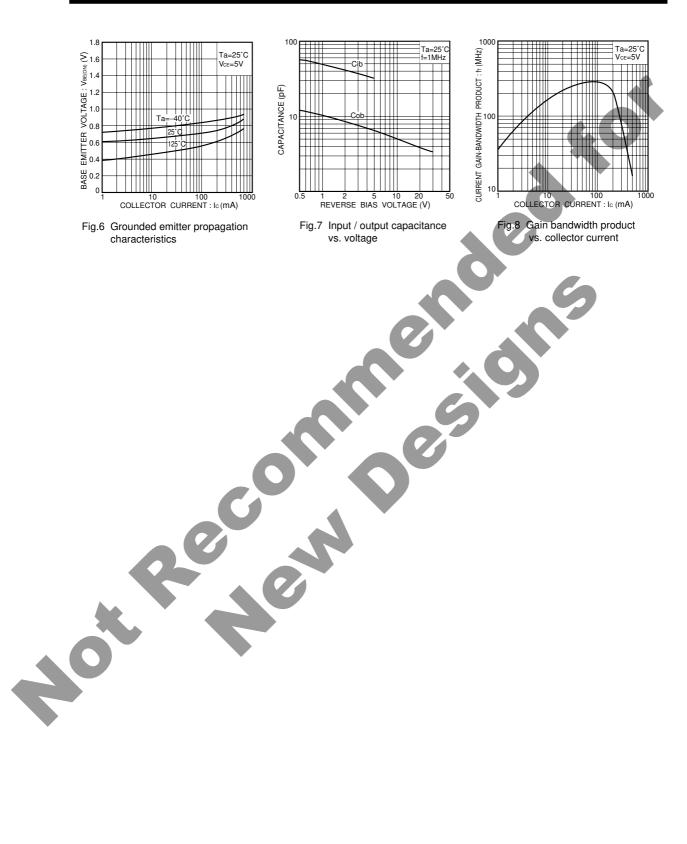


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Transistors



Transistors



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Appendix1-Rev2.0

