Punctuation Cheat Sheet

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Punctuation

Symbol	Name	LATEX
'	apostrophe	'
:	colon	:
;	semicolon	;
,	comma	,
.	full stop/period	.
?	question mark	?
!	exclamation mark	!
…	ellipses	\ldots
~	small tilde	\~{}
^	caret	\^{}
_	underscore/understrike	_
-	hyphen	-
–	en-dash	--
—	em-dash	---
/	slash/stroke	/
\	backslash	\textbackslash

Typography

Symbol	Name	LATEX
|	vertical bar	\textbar
¦	broken bar	\textbrokenbar[1]
@	at sign	@
Ø	empty set	\O
#	Number sign	\#
%	percent sign	\%
‰	permil/permille	\textperthousand
&	ampersand	\&
°	degree	\textdegree
℃	degree Celsius	\textcelsius
¤	currency sign	\textcurrency
£	pound sign	\pounds
$	dollar sign	\$
$	old style dollar sign	\textdollaroldstyle
¢	cent sign	\textcent
¥	Japanese yen sign	\yen
€	euro sign	\euro [2]
Å	Åmströnger	\AA
Æ	capital ae ligature	\AE
æ	small ae ligature/diphthong	\ae
•	bullet	\textbullet
¶	pilcrow	\P
§	section sign	\S
†	dagger	\dag
‡	double dagger	\ddag
※	reference mark	\textreferencemark
©	copyright symbol	\copyright
®	registered sign	\textregistered
℗	sound recording copyright	\textcircledP
™	trademark	\texttrademark
№	numero sign	\textnumero

Delimeters

Symbol	Name	LATEX
'	quote	\textquoteleft
'	backquote	\textquoteright
"	double quote	\textquotedblleft
"	back double quote	\textquotedblright
round brackets, parentheses:		
(	parenleft	(
)	parenright	)
square brackets, box brackets:		
[	bracketleft	\lbrack
]	bracketright	\lbrack
curly brackets, braces:		
{	braceleft	\{
}	braceright	\}
angle brackets, wickets, chevrons:		
⟨	left angle bracket	$\langle$
⟩	right angle bracket	$\rangle$

Greek Alaphet*

α	\alpha	β	\beta	γ	\gamma	δ	\delta
ϵ	\epsilon	ζ	\zeta	η	\eta	ε	\varepsilon
θ	\theta	ι	\iota	κ	\kappa	ϑ	\vartheta
λ	\lambda	μ	\mu	ν	\nu	ξ	\xi
π	\pi	ρ	\rho	σ	\sigma	τ	\tau
υ	\upsilon	ϕ	\phi	χ	\chi	ψ	\psi
ω	\omega						
Γ	\Gamma	Δ	\Delta	Θ	\Theta	Λ	\Lambda
Ξ	\Xi	Π	\Pi	Σ	\Sigma	Υ	\Upsilon
Φ	\Phi	Ψ	\Psi	Ω	\Omega		

Diacritics & Others*

Symbol	Name	LATEX
$\vec{x}$	vector	\vec{x}
$\bar{x}$	macron/mean(x bar)	\bar{x}
$\dot{x}$	overdot(x dot)	\dot{x} | \.{x}
$\ddot{x}$	double dot	\ddot{x} | \"{x}
$\acute{x}$	acute	\acute{x} | \'{x}
$\check{x}$	caron	\check{x} | \v{x}
$\grave{x}$	grave	\grave{x} | \`{x}
$\hat{x}$	circumflex	\hat{x} | \^{x}
$\breve{x}$	breve	\breve{x} | \u{x}
∗	asterisk	\ast
⋆	star	\star
∘	circle	\circ
⋄	diamond	\diamond
♯	sharp	\sharp
♮	natural	\natural
♭	flat	\flat
ℏ	h bar	\hbar
∇	nabla	\nabla
ℵ	aleph	\aleph
⊙	sun symbol	\odot

Math*

Symbol	Name	LATEX
=	equal to	=
≠	not equal to	\neq
≈	approximately equal to	\approx
≡	equivalent to	\equiv
+	plus	+
−	minus	−
±	plus or minus	\pm
×	times	\times
÷	divided by	\div
<	less than	<
>	greater than	>
≪	much less than	\ll
≫	much greater than	\gg
≤	less than or equal to	\leq
≥	greater than or equal to	\geq
$\sqrt{}$	square root of	\sqrt{}
$\sqrt[n]{}$	N-th root of	\sqrt[n]{}
∞	infinity	\infty
∝	proportional to	\propto
∫	integral of …	\int
∮	contour integral of	\oint
′	prime/derivative of	\prime
″	double prime	\prime\prime
∂	partial	\partial
ℜ	Real number	\Re
ℑ	Imaginary number	\Im
Σ	sum over	\sum
Π	product over	\prod
°	degree	^\circ
∠	angle	\angle
△	triangle	\triangle
∥	parallel	\parallel
⊤	top element	\top
⊥	perpendicular	\bot
≅	congruent	\cong
∼	similar	\sim
∵	because	\because [3]
∴	therefore	\therefore [3]
∧	or	\wedge
∨	and	\vee
∀	for all	\forall
∈	in	\in
∉	not in	\notin
∃	exists	\exists
⇒	implies	\Rightarrow
⊂	subset of	\subset
⊃	superset of	\supset
∪	union of	\cup
∩	intersected with	\cap

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* means latex codes there only work in math mode.
1. Package *textcomp* is needed by most signs begin with \text.
2. One of the package *eurosans/eurofont/eurosym* will work.
3. Package *amssymbl* is needed.