The TI84 Package

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The package provides commands to typeset the TI84 calculator keys when writing documents. It was written to aid writing steps involved when using the calculator for students at the high school level, in a course where this particular model was used.

All key symbols are generated using TikZ. All commands begin with the prefix \ti.

The table below shows the available commands to directly add calculator keys inline.

Key	Command	Key	Command	Key	Command
catalog - 0	\tizero	$\begin{array}{ c c } \hline \mathbf{L1} & \mathbf{Y} \\ \hline 1 \\ \hline \end{array}$	\tione	$egin{bmatrix} \mathbf{L2} & \mathbf{Z} \ 2 \end{bmatrix}$	\titwo
$egin{pmatrix} ext{L3} & heta \ extbf{3} \ ext{} \end{bmatrix}$	\tithree	$egin{pmatrix} \mathbf{L4} & \mathbf{T} \\ 4 \\ \end{pmatrix}$	\tifour	L 5 U 5	\tifive
6	\tisix	u O 7	\tiseven	8 P	\tieight
	\tinine	<i>i</i> :	\tidot	ans ?	\tineg
entry solve enter	\tienter	mem " +	\tiplus		\timinus
(X	\titimes	e M	\tidiv	$\begin{array}{c} \text{stat plot } f_1 \\ \mathbf{y} = \end{array}$	\tifunction
window f2	\tiwindow	format f3 zoom	\tizoom	trace t4	\titrace
graph graph	\tigraph	$\begin{array}{c} \operatorname{rcl} & X \\ \operatorname{sto} \rightarrow \end{array}$	\tistore	$\frac{e^x}{\ln}$	\tiln
$\log \frac{10^x - N}{\log}$	\tilog	x^2	\tisquared	$ \begin{array}{c} \text{matrix D} \\ x^{-1} \end{array} $	\tiinverse
math	\timath	, , , , , , , , , , , , , , , , , , ,	\ticomma	(K	\tileft
	\tiright	sin ⁻¹ E	\tisin	\cos^{-1} F \cos^{-1} Cos	\ticos
tan ⁻¹ G	\titan	π H \wedge	\tiexp	angle B apps	\tiapps
draw C prgm	\tiprgm	vars	\tivars	clear	\ticlear
$\mathbf{X}, \mathbf{T}, \theta, n$	\tivariable	stat	\tistat	mode	\timode
$\boxed{\frac{\text{ins}}{\text{del}}}$	\tidel	2nd	\tisecond	A-lock alpha	\tialpha