[TIME] Recalls the current time to the X-register (24-hour time format). If executed from the keyboard, also displays the time.

Stopwatch Mode Operation

[SW] Switches the calculator to Stopwatch mode and reassigns the keyboard to the following Stopwatch mode functions:

Change **R***nn* or **D***nn*	*nn* (*n* = digit key)
Clear Halted Stopwatch	[←]
Exit Stopwatch Mode	■ [←]
Next **R***nn* or **D***nn*	[SST]
Preceding **R***nn* or **D***nn*	■ [BST]
Record Split	[ENTER↑]
Start/Stop Stopwatch	[R/S]
Register Pointer On/Off	[EEX]
Split Difference On/Off	[CHS]
Split Recall On/Off	[RCL]
Three-Digit Pointer On/Off	■ [EEX]

Stopwatch Operation Out of Stopwatch Mode

The following four functions operate only when the calculator is not set to Stopwatch mode.

[RCLSW] Recalls the current Stopwatch time to the X-register.

[RUNSW] Causes the stopwatch to begin running.

[SETSW] Sets the stopwatch to the starting time in the X-register ($-99.595999 \leq t \leq 99.595999$).

[STOPSW] Halts the stopwatch.

Date Format Table

Setting	Input* and Output Format ([FIX] 6 Display)	Display When [DATE] Executed From Keyboard
[MDY]	*MM.DDYYYY*	*MM/DD/YY day*
[DMY]	*DD.MMYYYY*	*DD.MM.YY day*

*Input must be a positive number. All trailing digits after the year must be zero; otherwise an error message will result.

HEWLETT PACKARD
1000 N.E. Circle Blvd., Corvallis, OR 97330, U.S.A.

82182-90002 Printed in U.S.A. 11/81

HP 82182A Time Module Quick Reference Card

While the HP 82182A Time Module is plugged into the calculator, the time module clock and stopwatch are available for your use. All of the clock and stopwatch functions are programmable except where noted otherwise.

Alarm Functions

[ALMCAT] Lists all pending and past-due clock alarms. Pressing [R/S] during an [ALMCAT] listing halts the calculator in [ALMCAT] mode and redefines the keyboard to the following nonprogrammable alarm catalog functions (the [ALPHA] key is not used):

Delete alarm	■ [C]
Display:	
Alarm Date	[D]
Alarm Time	[T]
Alarm Message, Label, or Function	[M]
Alarm Repeat Interval	[R]
Current Time	■ [T]
Next Alarm and Message, Label, or Function	[SST]
Preceding alarm and Message, Label, or Function	■ [BST]
Exit Alarm Catalog Mode	[←]
Reset Alarm Using Specified Repeat Interval	■ [R]
Resume [ALMCAT] Listing	[R/S]

[ALMNOW] Activates the oldest past-due program or function alarm in memory.

[XYZALM] Sets an alarm using the parameters in the stack and ALPHA registers, as follows:

Stack Parameters

Z	*Repeat Interval*
Y	*Date*
X	*Time*

Z-Register: 0 = No Repeat
Y-Register: 0 = Current Date

ALPHA Parameter Options

Blank
Message
↗↗*label* or ↗↗*function*
↗*label* or ↗*function*

↗↗ *label* or ↗↗ *function* = Interrupting Control Alarm
↗ *label* or ↗ *function* = Noninterrupting Control Alarm
(A "function" specified in any alarm must be a programmable function belonging to a plug-in device.)

ALPHA Date and Time Functions

[ADATE] Appends the number in the X-register to the ALPHA register in date format. The number of digits varies according to the number of digits in the display setting.

[ATIME] Appends the number in the X-register to the ALPHA register in [CLK12] or [CLK24] time format. The number is truncated according to the number of digits in the display setting.

[ATIME24] Operates the same as [ATIME], except that the number appended will always appear in the [CLK24] time format.

Clock Functions

[CLK12] Switches the calculator to the 12-hour time display format.

[CLK24] Switches the calculator to the 24-hour time display format.

[CLKT] Switches the clock to the time-only display format.

[CLKTD] Switches the clock to the time and date display format.

[CLOCK] or [■] [ON] Displays the clock.

[CORRECT] Performs the same operation as [SETIME] and automatically adjusts the accuracy factor.

[DATE] Recalls the current date to the X-register. If executed from the keyboard, the date and day are displayed.

[DATE+] Calculates a new date by combining a date in the Y-register with a number of days in the X-register. Refer to the Date Format Table on the back page.

[DDAYS] Calculates the number of days between a date in the X-register and a date in the Y-register. Refer to the Date Format Table on the back page.

[DMY] Switches the date input/output to Day-Month-Year format; sets flag 31. Refer to the Date Format Table on the back page.

[DOW] Replaces a date in the X-register with the corresponding number for the day of the week (0 = Sunday;...; 6 = Saturday). When executed from the keyboard, [DOW] also displays the day of the week.

[MDY] Switches the date input/output to Month-Day-Year format; clears flag 31. Refer to the Date Format Table on the back page.

[RCLAF] Recalls the clock accuracy factor to the X-register.

[SETAF] Sets the clock accuracy factor using a number in the range $-99.9 \leq x \leq 99.9$.

[SETDATE] Sets the clock date to the date specified in the X-register. Refer to the Date Format Table on the back page.

[SETIME] Sets the clock to the time in the X-register.

0.000000 through 11.595999	= A.M.
12.000000 through 23.595999	= P.M.
−1.000000 through −11.595999	= P.M.

[T+X] Changes the clock time by the time value in the X-register, according to the ±HHHH.MMSShh format. The date will change if the time change crosses a date boundary.