;File: tic42go.a51

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;Development progress: Tic842.df

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;TicGo==========Set and start timer.

;C Function prototype: char TicGo(char cHr, char cMin, char cSec, char cHth);

;Description of Function: Sets hour, minute, second and hundredths and starts TIC.

;User interface: Set the 4 parameters to the required time.

; Call TicGo function.

; TicGo sets the start time and starts the timer.

; returns TIMECON (guaranteed not zero).

;Robustness:

;Side effects:

;

NAME TICGO

$NOMOD51

$IC(..kei842.inc) ; Parameter passing registers for Keil .

$IC(..kei842.dat) ; SFR definition for Keil .

;

public \_TicGo, ?\_TicGo?BYTE

?PR?\_TicGo?TICGO SEGMENT CODE

?DT?\_TicGo?TICGO SEGMENT DATA

RSEG ?DT?\_TicGo?TICGO

?\_TicGo?BYTE:

cHr: DS 3 ;Space for first 3 parameters (not utilised).

cHth: DS 1 ;cHth parameter;

;

RSEG ?PR?\_TicGo?TICGO

;

\_TicGo:

mov HOUR,cP1l ;Set time.

mov MIN,cP2lc

mov SEC,cP3lcc

mov HTHSEC,cHth

orl TIMECON,#1 ;Start TIC.

mov cP1l,TIMECON

ret

;

;Function End==========================================================Function End

END