;File: adc42cal.a51

;Author: Eckart Hartmann Date:05/10/2003

; Development progress: Adc842.df

;

;AdcCal==========Starts a calibration conversion.

;C Function prototype: char AdcCal(char cType);

;Description of Function: Start a calibration by writing cType to ADCCON3.

;User interface: Set the bits in cType as desired.

; See data sheet for meaning of individual bits.

; Call AdcCal() to write cType to ADCCON3.

; Activates gain callibration (GNCLD = 0).

; Returns 1.

;Robustness:

;Side effects:

;

NAME ADCCAL

$NOMOD51

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

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

;

public \_AdcCal

;

?PR?\_AdcCal?ADCCAL SEGMENT CODE

RSEG ?PR?\_AdcCal?ADCCAL

;

\_AdcCal:

mov ADCCON3,cP1l ;ADCCON3 = cType;

anl ADCCON3,#0bfh ;GNCLD = 0;

mov cp1l,#1 ;return 1;

ret

;

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

END