;File: adc42rd.a51

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; Development progress: Adc842.df

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;AdcRd==========Read conversion result.

;C Function prototype: int AdcRd(void);

;Description of Function: Reads conversion result of ADC.

;User interface: Call AdcCfg() to configure ADC.

; Call AdcGo() to start a conversion.

; Call AdcBsy to check conversion is complete.

; Call AdcRd().

; Returns result as 16 bit unsigned integer.

;Robustness: No known issues.

;Side effects: Overwrites a, P, c.

;

NAME ADCRD

$NOMOD51

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

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

;

public AdcRd

?PR?AdcRd?ADCRD SEGMENT CODE

RSEG ?PR?AdcRd?ADCRD

;

AdcRd: mov iP1l,ADCDATAL ;return (ADCDATAH&0xf):ADCDATAL;

mov a,ADCDATAH

anl a,#0fh

mov iP1h,a

ret ; }}

;

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

END