;\*INC\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

; NAME: 89C51AC2.inc

;----------------------------------------------------------------------------

; PURPOSE: for Keil

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; Include file for 8051 SFR Definitions

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; BYTE Register

P0 DATA 80H

P1 DATA 90H

P2 DATA 0A0H

P3 DATA 0B0H

RD BIT 0B7H

WR BIT 0B6H

T1 BIT 0B5H

T0 BIT 0B4H

INT1 BIT 0B3H

INT0 BIT 0B2H

TXD BIT 0B1H

RXD BIT 0B0H

P4 DATA 0C0H

PSW DATA 0D0H

CY BIT 0D7H

AC BIT 0D6H

F0 BIT 0D5H

RS1 BIT 0D4H

RS0 BIT 0D3H

OV BIT 0D2H

P BIT 0D0H

ACC DATA 0E0H

B DATA 0F0H

SP DATA 81H

DPL DATA 82H

DPH DATA 83H

PCON DATA 87H

CKCON DATA 8FH

;------------------ TIMERS registers ---------------------

TCON DATA 88H

TF1 BIT 8FH

TR1 BIT 8EH

TF0 BIT 8DH

TR0 BIT 8CH

IE1 BIT 8BH

IT1 BIT 8AH

IE0 BIT 89H

IT0 BIT 88H

TMOD DATA 89H

T2CON DATA 0C8H

TF2 BIT 0CFH

EXF2 BIT 0CEH

RCLK BIT 0CDH

TCLK BIT 0CCH

EXEN2 BIT 0CBH

TR2 BIT 0CAH

C\_T2 BIT 0C9H

CP\_RL2 BIT 0C8H

T2MOD DATA 0C9H

TL0 DATA 8AH

TL1 DATA 8BH

TL2 DATA 0CCH

TH0 DATA 8CH

TH1 DATA 8DH

TH2 DATA 0CDH

RCAP2L DATA 0CAH

RCAP2H DATA 0CBH

WDTRST DATA 0A6H

WDTPRG DATA 0A7H

;------------------- UART registers ------------------------

SCON DATA 98H

SM0 BIT 9FH

FE BIT 9FH

SM1 BIT 9EH

SM2 BIT 9DH

REN BIT 9CH

TB8 BIT 9BH

RB8 BIT 9AH

TI BIT 99H

RI BIT 98H

SBUF DATA 99H

SADEN DATA 0B9H

SADDR DATA 0A9H

;-------------------- ADC registers ----------------------

ADCLK DATA 0F2H

ADCON DATA 0F3H

ADDL DATA 0F4H

ADDH DATA 0F5H

ADCF DATA 0F6H

;-------------------- FLASH EEPROM registers ------------

FCON DATA 0D1H

EECON DATA 0D2H

AUXR DATA 8EH

AUXR1 DATA 0A2H

;-------------------- IT registers -----------------------

IPL1 DATA 0F8H

IPH1 DATA 0F7H

IEN0 DATA 0A8H

IPL0 DATA 0B8H

IPH0 DATA 0B7H

IEN1 DATA 0E8H

; IEN0

EA BIT 0AFH

EC BIT 0AEH

ET2 BIT 0ADH

ES BIT 0ACH

ET1 BIT 0ABH

EX1 BIT 0AAH

ET0 BIT 0A9H

EX0 BIT 0A8H

; IEN1

EADC BIT 0E9H

;--------------------- PCA registers --------------------

CCON DATA 0D8H

CF BIT 0DFH

CR BIT 0DEH

CCF4 BIT 0D4H

CCF3 BIT 0D3H

CCF2 BIT 0D2H

CCF1 BIT 0D1H

CCF0 BIT 0D0H

CMOD DATA 0D9H

CH DATA 0F9H

CL DATA 0E9H

CCAP0H DATA 0FAH

CCAP0L DATA 0EAH

CCAPM0 DATA 0DAH

CCAP1H DATA 0FBH

CCAP1L DATA 0EBH

CCAPM1 DATA 0DBH

CCAP2H DATA 0FCH

CCAP2L DATA 0ECH

CCAPM2 DATA 0DCH

CCAP3H DATA 0FDH

CCAP3L DATA 0EDH

CCAPM3 DATA 0DDH

CCAP4H DATA 0FEH

CCAP4L DATA 0EEH

CCAPM4 DATA 0DEH