$SAVE

$NOLIST

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; Register Declarations for the Philips 83/87C750 Processor

;

; BYTE Register

P0 DATA 80H

P1 DATA 90H

P3 DATA 0B0H

PSW DATA 0D0H

ACC DATA 0E0H

B DATA 0F0H

SP DATA 81H

DPL DATA 82H

DPH DATA 83H

PCON DATA 87H

TCON DATA 88H

TL0 DATA 8AH

RTL DATA 8BH

TH0 DATA 8CH

IE DATA 0A8H

SCON DATA 98H

SBUF DATA 99H

; BIT Register

; PSW

CY BIT 0D7H

AC BIT 0D6H

F0 BIT 0D5H

RS1 BIT 0D4H

RS0 BIT 0D3H

OV BIT 0D2H

P BIT 0D0H

; TCON

GATE BIT 8FH

CT BIT 8EH

TF BIT 8DH

TR BIT 8CH

IE0 BIT 8BH

IT0 BIT 8AH

IE1 BIT 89H

IT1 BIT 88H

; IE

EA BIT 0AFH

EX1 BIT 0AAH

ET0 BIT 0A9H

EX0 BIT 0A8H

; IP

PS BIT 0BCH

PT1 BIT 0BBH

PX1 BIT 0BAH

PT0 BIT 0B9H

PX0 BIT 0B8H

; P1

T0 BIT 97H

INT1 BIT 96H

INT0 BIT 95H

; SCON

SM0 BIT 9FH

SM1 BIT 9EH

SM2 BIT 9DH

REN BIT 9CH

TB8 BIT 9BH

RB8 BIT 9AH

TI BIT 99H

RI BIT 98H

$RESTORE