

Name: T0CON0

Address: 0xFD4

Timer0 Control Register 0

Bit	7	6	5	4	3	2	1	0
	T0EN		T0OUT	T016BIT	T0OUTPS[3:0]			
Access	R/W		R	R/W	R/W	R/W	R/W	R/W
Reset	0		0	0	0	0	0	0

Bit 7 – T0EN TMR0 Enable

Value	Description
1	The module is enabled and operating
0	The module is disabled

Bit 5 – T0OUT TMR0 Output

Bit 4 – T016BIT TMR0 Operating as 16-Bit Timer Select

Value	Description
1	TMR0 is a 16-bit timer
0	TMR0 is an 8-bit timer

Bits 3:0 – T0OUTPS[3:0] TMR0 Output Postscaler (Divider) Select

Value	Description
1111	1:16 Postscaler
1110	1:15 Postscaler
1101	1:14 Postscaler
1100	1:13 Postscaler
1011	1:12 Postscaler
1010	1:11 Postscaler
1001	1:10 Postscaler
1000	1:9 Postscaler
0111	1:8 Postscaler
0110	1:7 Postscaler
0101	1:6 Postscaler
0100	1:5 Postscaler
0011	1:4 Postscaler
0010	1:3 Postscaler
0001	1:2 Postscaler
0000	1:1 Postscaler