

RABBIT 3000™ PROCESSOR

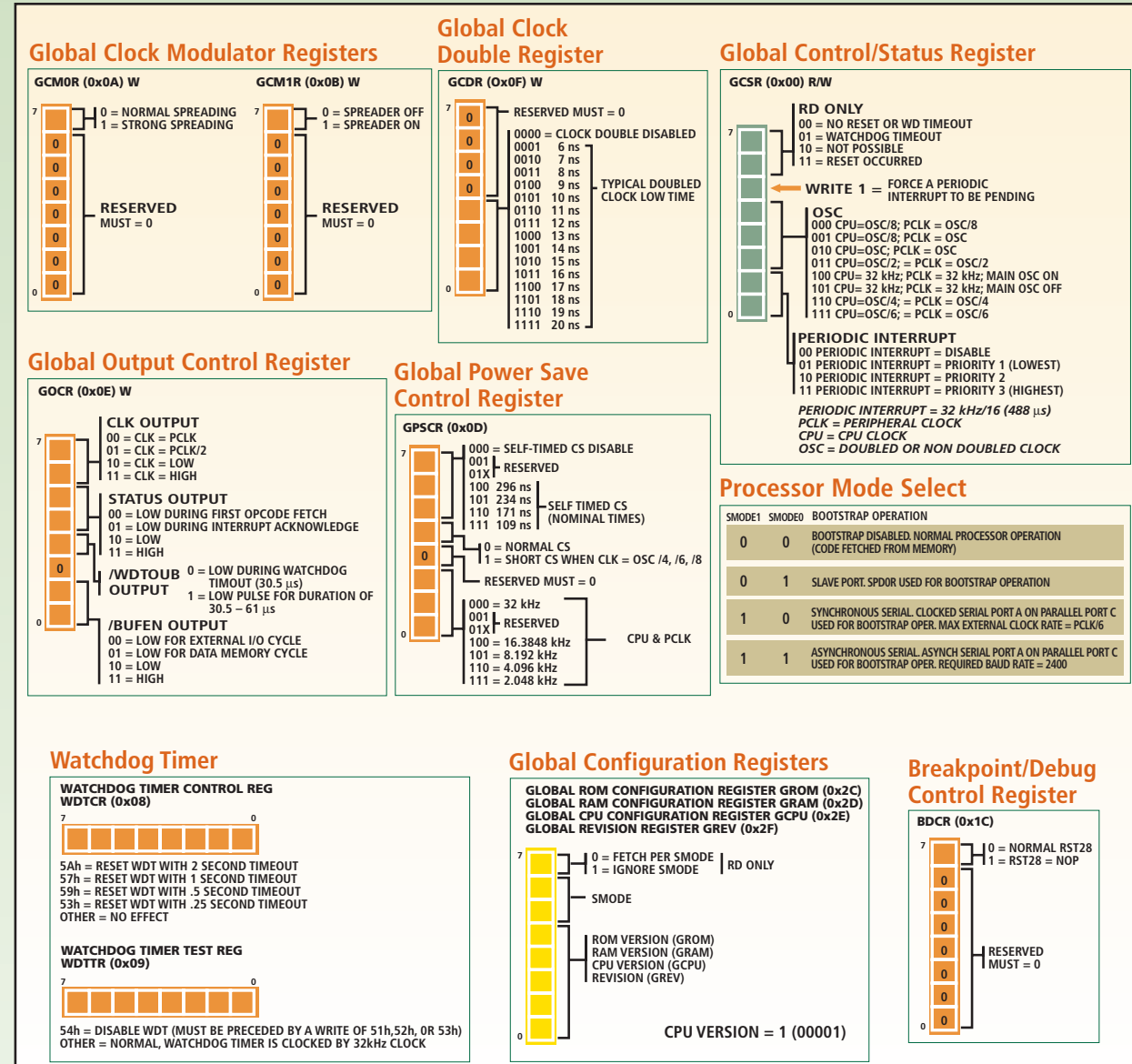
EASY REFERENCE

REGISTER LEGEND

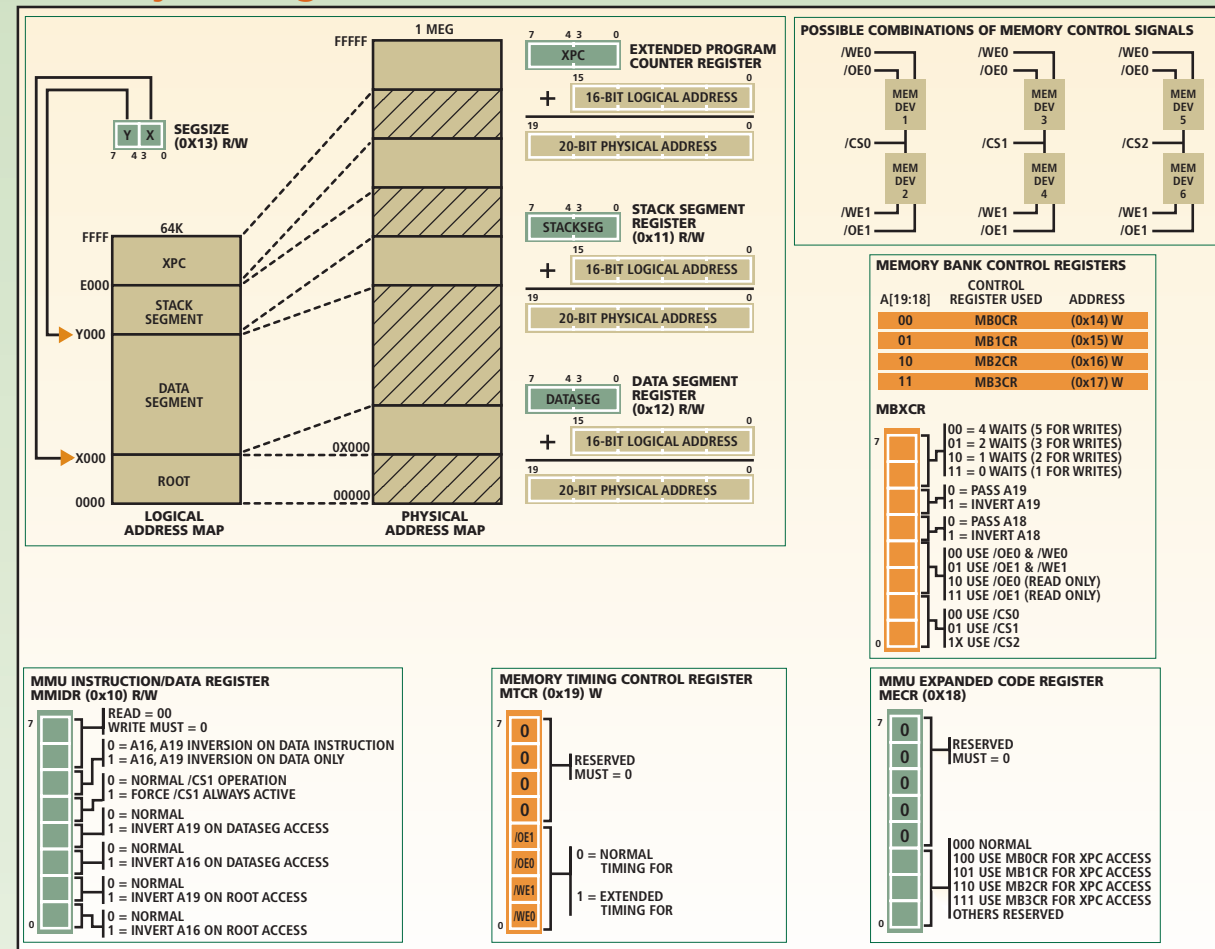
	Read/Write
	Read Only
	Write Only
	Read (Special Behavior on Write Operation)

NOTE: ZERO MUST BE WRITTEN TO ALL UNUSED BITS

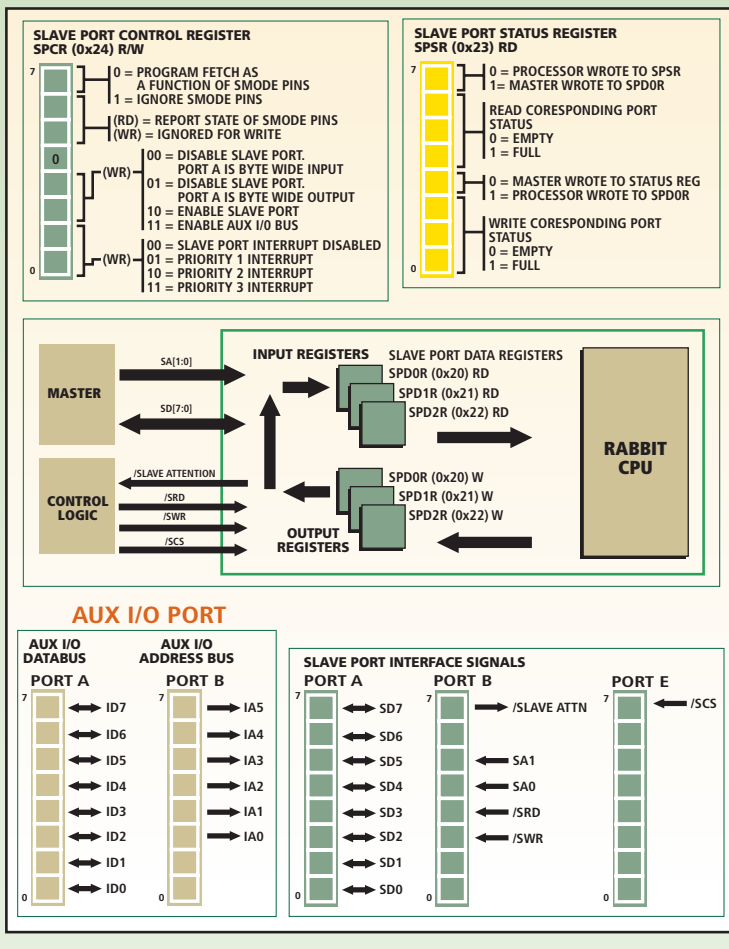
Processor Control



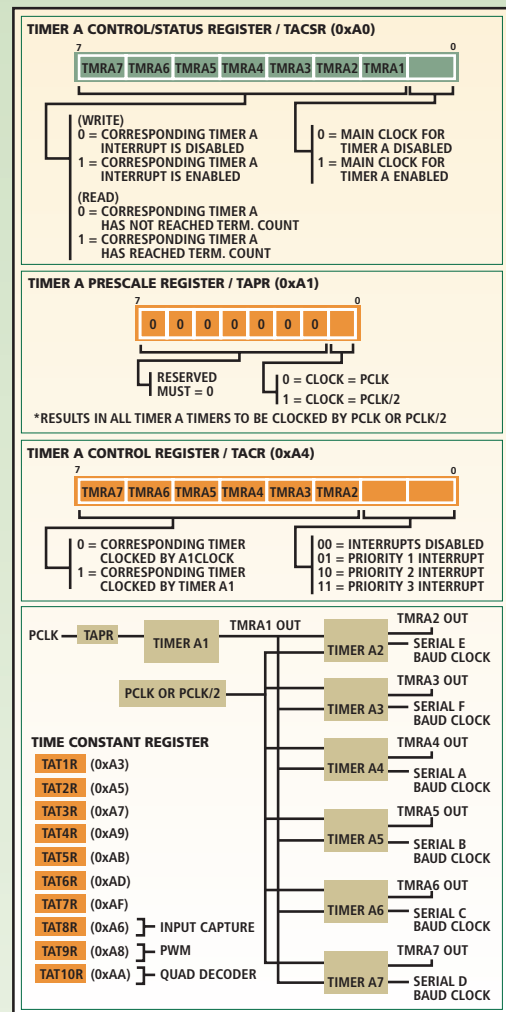
Memory Management Unit



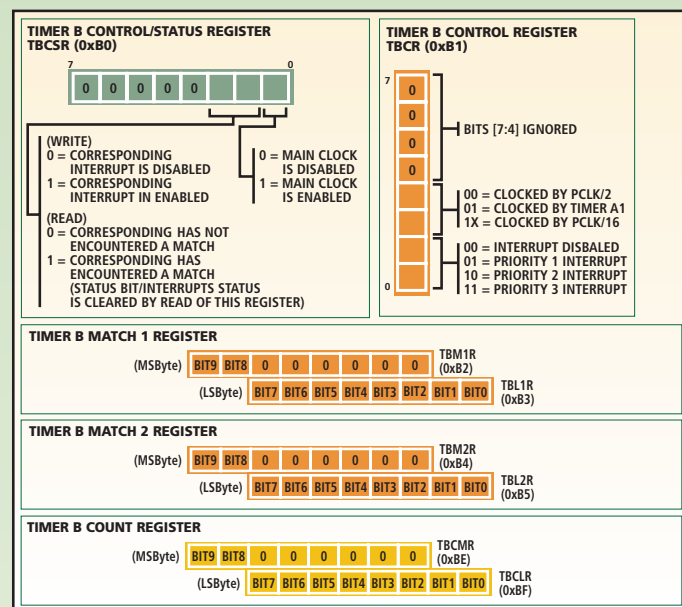
Slave Port



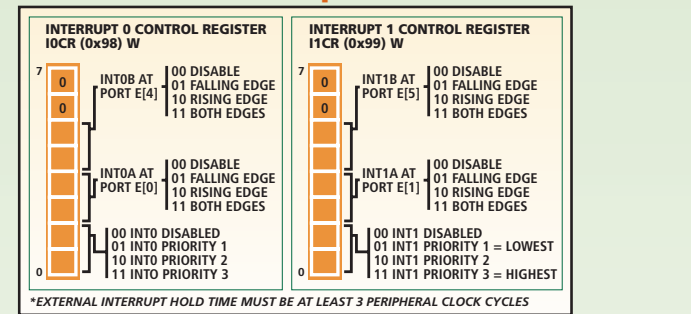
Timer A



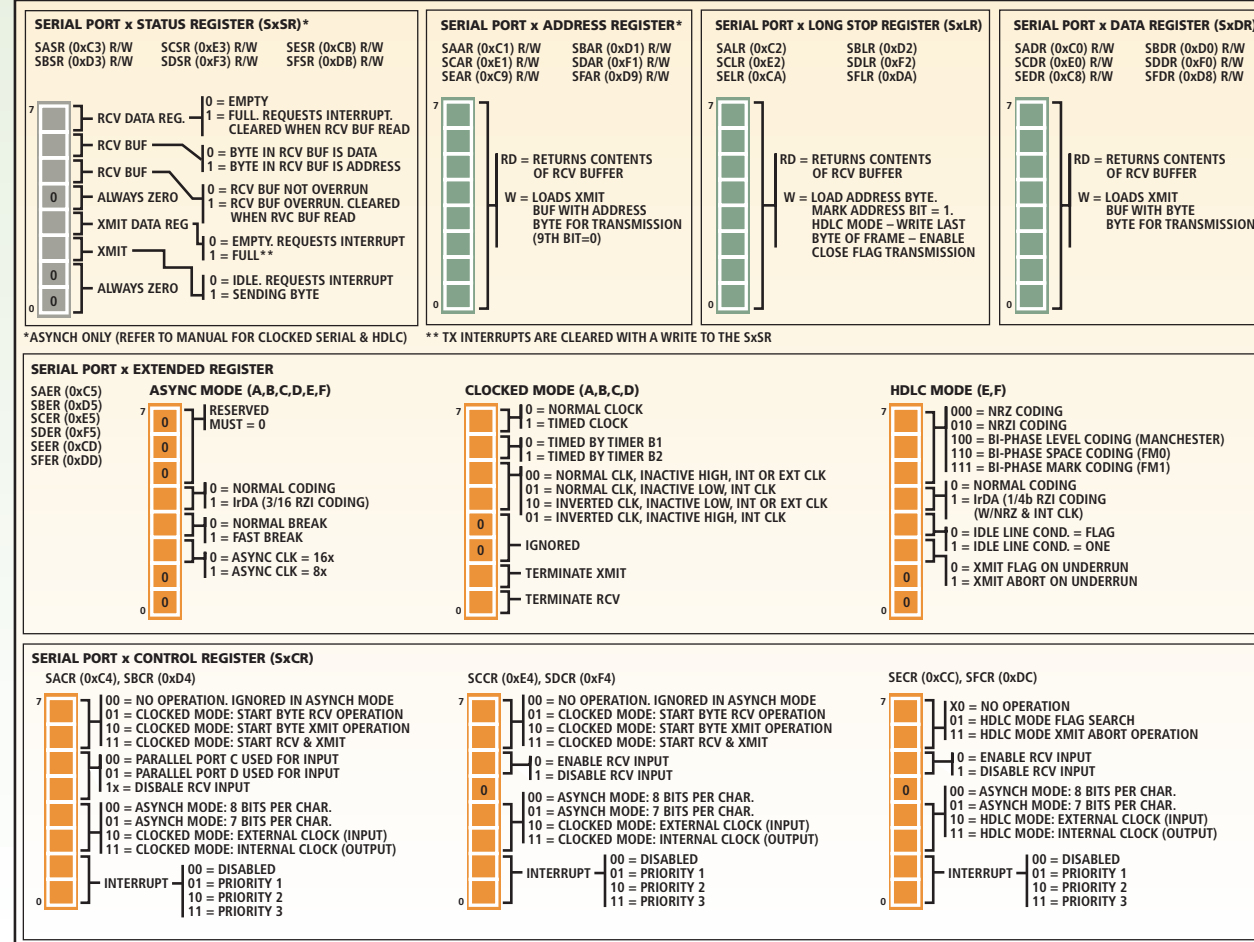
Timer B



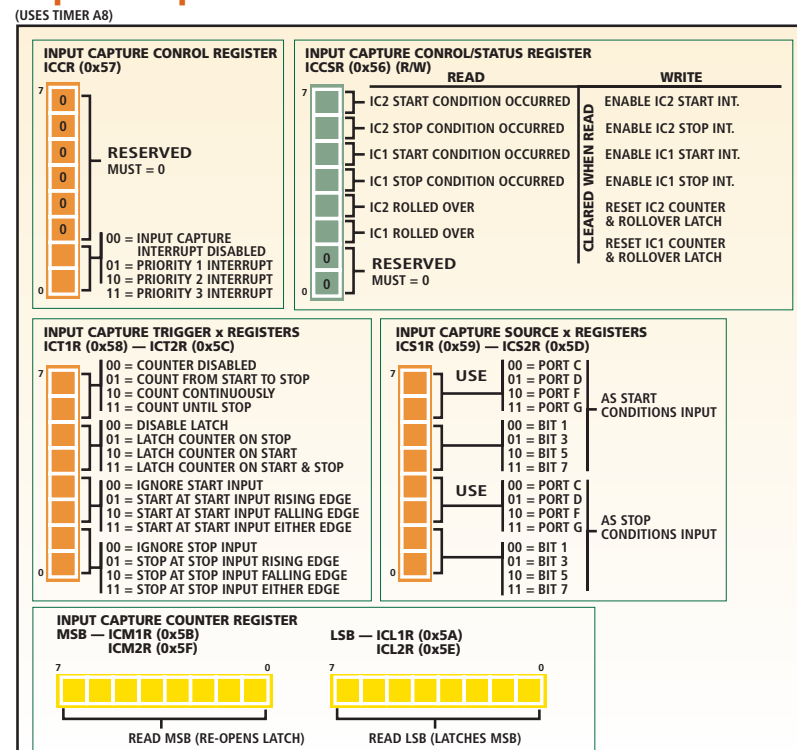
External Interrupt



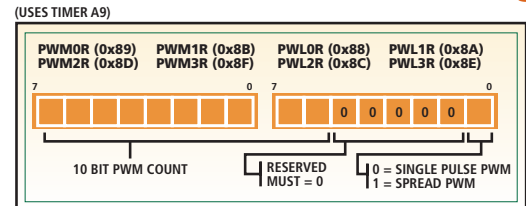
Serial Ports



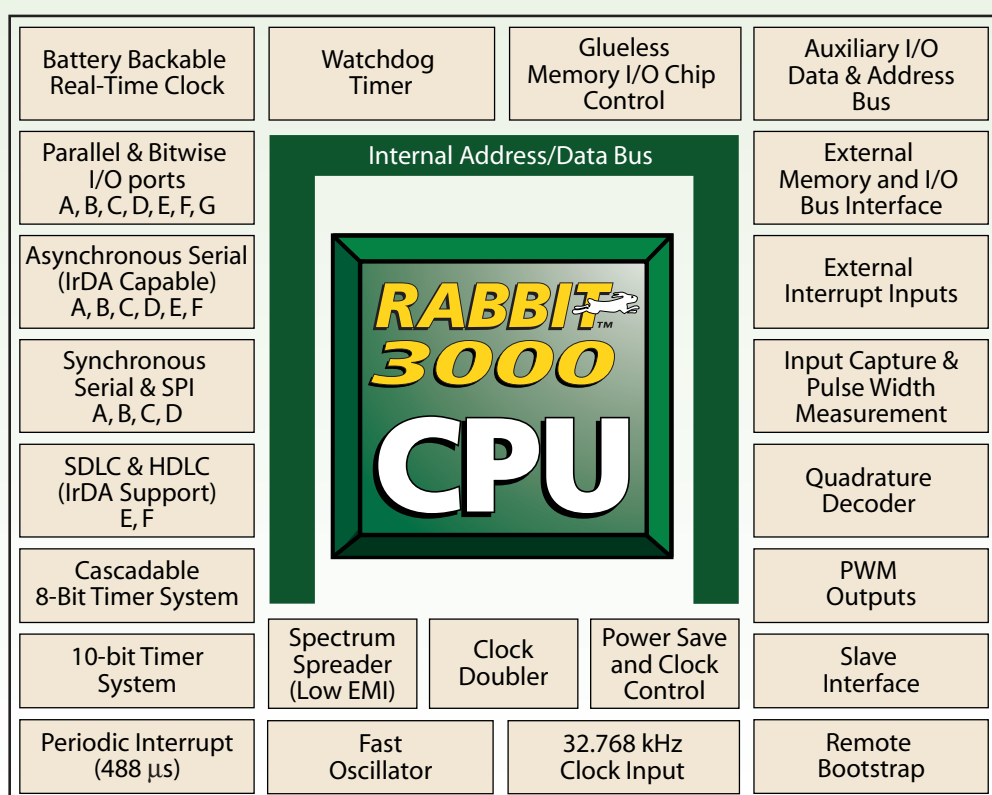
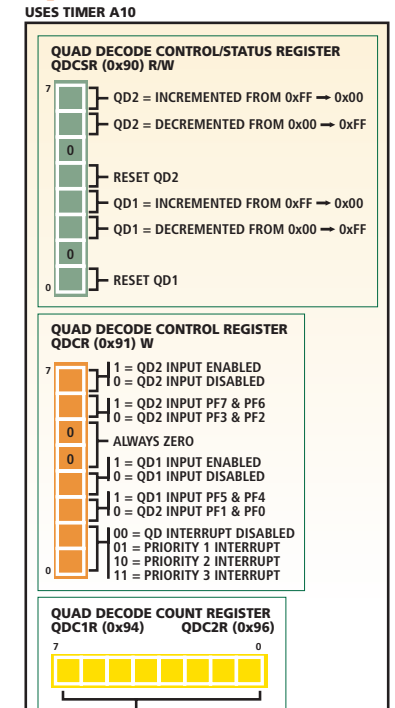
Input Capture



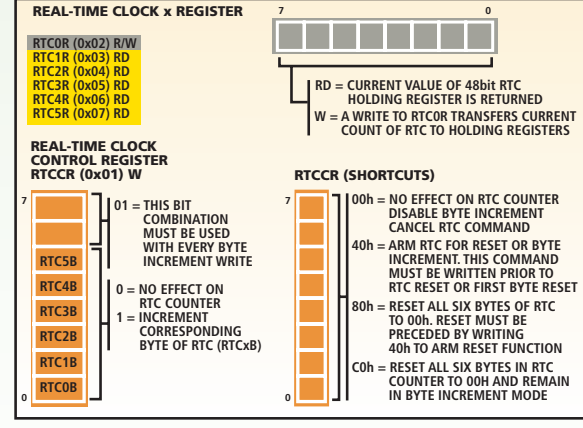
Pulse Width Modulator Registers



Quadrature Decoder



Real-Time Clock



Pin Chart

PIN	NAME	ALT FUNCTION	INPUT	PIN	NAME	ALT FUNCTION	INPUT
1	VDDIO			65	VDDIO		
2	CLK			66	PC2	RXA	
3	IC2S			67	PC3	TXA	
4	STATUS			68	PC5	RXB	
5	/OEO			69	PC4	TXB	
6	AI0			70	PC3	RXC	
7	IC2S			71	PC2	TXC	
8	VDDCORE			72	VSSCORE		
9	VSSCORE			73	VSSCORE		
10	AI1			74	PC1	RXD	
11	D0			75	PC0	TXD	
12	D1			76	AI4		
13	D2			77	AI5		
14	D3			78	AI6		
15	D4			79	AI7		
16	D5			80	VSSIO		
17	D6			81	VDDIO		
18	D7			82	AI2		
19	D8			83	AI3		
20	D9			84	AI4		
21	D10			85	AI5		
22	D11			86	AI6		
23	D12			87	AI7		
24	D13			88	VSSCORE		
25	D14			89	VSSCORE		
26	D15			90	AI8		
27	D16			91	AI9		
28	D17			92	AI10		
29	D18			93	AI11		
30	D19			94	AI12		
31	D20			95	AI13		
32	D21			96	AI14		
33	D22			97	VDDIO		
34	D23			98	AI15		
35	D24			99	AI16		
36	D25			100	PC0	CLKD	CLKD, QD18
37	D26			101	PC1	CLKC	CLKC, QD19
38	D27			102	PC2	CLKB	CLKB, QD20
39	D28			103	PC3	CLKA	CLKA, QD21
40	D29			104	PC4	CLKD	CLKD, QD22
41	D30			105	PC5	CLKC	CLKC, QD23
42	D31			106	PC6	CLKB	CLKB, QD24
43	D32			107	PC7	CLKA	CLKA, QD25
44	D33			108	PC8	CLKD	CLKD, QD26
45	D34			109	PC9	CLKC	CLKC, QD27
46	D35			110	PC10	CLKB	CLKB, QD28
47	D36			111	PC11	CLKA	CLKA, QD29
48	D37			112	PC12	CLKD	CLKD, QD30
49	D38			113	PC13	CLKC	CLKC, QD31
50	D39			114	PC14	CLKB	CLKB, QD32
51	D40			115	PC15	CLKA	CLKA, QD33
52	D41			116	PC16	CLKD	CLKD, QD34
53	D42			117	PC17	CLKC	CLKC, QD35
54	D43			118	PC18	CLKB	CLKB, QD36
55	D44			119	PC19	CLKA	CLKA, QD37
56	D45			120	PC20	CLKD	CLKD, QD38
57	D46			121	PC21	CLKC	CLKC, QD39
58	D47			122	PC22	CLKB	CLKB, QD40
59	D48			123	PC23	CLKA	CLKA, QD41
60	D49			124	PC24	CLKD	CLKD, QD42
61	D50			125	PC25	CLKC	CLKC, QD43
62	D51			126	PC26	CLKB	CLKB, QD44
63	D52			127	PC27	CLKA	CLKA, QD45
64	D53			128	PC28	CLKD	CLKD, QD46

