

STATE	TB_EN	MEMORY(5)	RB(6)	ALUY(9)	ALUX(1)	PC(3)	R7(2)	TA(3)	TB(2)	TC(2)	TD(1)	IR(1)	TY	NS	CONTROL WORD
S1	0	00101	000000	000000000	1	100	00	000	00	00	0	1	NS	S2	000101000000000000000110000000000001
S2	1	010000	010000	000000000	0	000	00	010	01	00	0	0	NS	S3	100000010000000000000000000000010010000
S3	0	00000	000000	011000001	0	000	00	011	00	00	0	0	NS	S4	000000000000011000001000000011000000
S4	0	00000	001001	000000000	0	000	00	000	00	00	0	0	DEC (BC/IB)		000000010010000000000000000000000000
S5	0	00000	000000	010000001	0	000	00	011	00	00	0	0	NS	S4	00000000000010000001000000011000000
S6	0	00000	000000	010010001	0	000	00	011	00	00	0	0	NS	S4	00000000000010010001000000011000000
S7	0	00000	001111	000000000	0	000	00	000	00	00	0	0	IB		000000001111000000000000000000000000
S8	0	00000	000000	100000000	0	000	00	011	00	00	0	0	NS	S9	0000000000001000000000000000001000000
S9	0	00001	000000	000000000	0	000	00	000	00	10	0	0	NS	S10	00000100000000000000000000000000001000
S10	0	00000	001110	000000000	0	000	00	000	00	00	0	0	IB		000000001110000000000000000000000000
S11	0	01010	000000	000000000	0	000	10	000	00	00	0	0	IB		0010100000000000000000000000001000000000
S12	1	00000	000000	000000000	0	000	00	000	11	00	0	0	NS	S13	1000000000000000000000000000000000110000
S13	1	00001	000000	000000000	0	000	00	000	10	10	1	0	NS	S14	10000100000000000000000000000000101010
S14	0	00000	000110	011010000	0	000	00	011	00	00	0	0	BC		000000000110011010000000000011000000
S15	1	00000	000000	000000000	0	000	00	000	10	00	1	0	NS	S16	1000000000000000000000000000000000010010
S16	0	00000	100000	000000000	0	000	00	000	00	01	0	0	NS	S17	00000010000000000000000000000000000100
S17	0	10010	000000	000000000	0	000	10	100	00	00	0	0	BC		0100100000000000000000000010100000000
S18	0	00000	110000	011000110	0	000	00	010	00	00	0	0	BC		000000110000011000110000000010000000
S19	0	00000	000000	010000000	0	110	01	000	00	00	0	0	IB		000000000000010000000011001000000000
S20	0	00000	110000	000000000	0	000	00	000	00	01	0	0	NS	S21	0000001100000000000000000000000000100
S21	0	00000	001110	110110000	0	110	01	000	00	00	0	0	IB		000000001110110110000011001000000000
S22	0	00000	001110	000000000	0	101	11	000	00	00	0	0	IB		000000001110000000000010111000000000
S23	1	00000	010000	000000000	0	000	00	010	11	00	0	0	NS	S3	10000001000000000000000000000010110000
S24	0	00000	000000	000000000	0	001	00	000	00	00	0	0	IB		00000000000000000000000000100000000000
S25	0	00000	000000	000000000	0	000	10	000	00	00	0	0	IB		00000