

Gli esempi qui di seguito hanno lo scopo di esemplificare la relazione tra la stringa di ingresso utile (indicata come W utile), cioè durante il periodo nel quale START assume valore 1, il dato (colonna DATO) presente nella locazione di memoria richiesta (colonna INDIRIZZO) e la configurazione assunta dalle uscite nel solo momento utile, cioè durante il periodo nel quale DONE assume valore 1.

The diagram shows a sequence of bits representing a bitstream. A blue arrow at the top points right, indicating the direction of reading. The bitstream is segmented by 'START' and 'DONE' markers.

	Bitstream
START	0 0 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0
DONE	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0
W	0 1 1 1 0 1 0 1 0 0 0 1 1 0 1 1 0 0 1 1 0 1 0 1 0 0 1 0 1 0 0 0 0 1 0 1 0 ...
Z0	00 ..
Z1	00 ..
Z2	00 ..
Z3	00 ..

Blue boxes highlight specific bits in the W row:

- canale: 10 (Z2)**: Points to the first '1' in the third box of the W row.
- indirizzo: 0000000000000001**: Points to the second '1' in the third box of the W row.
- canale: 01 (Z1)**: Points to the first '1' in the fourth box of the W row.
- indirizzo: 0000000101010010**: Points to the second '1' in the fourth box of the W row.

		reset	00	00	00	00	[LSB ... MBS LSB MSB]
CANALE	INDIRIZZO	DATO	Z0	Z1	Z2	Z3	W utile
02	0001	02	00	00	02	00	101
01	0152	CC	00	CC	02	00	01001010110
02	045B	A1	00	CC	A1	00	1101101000101
00	0751	7E	7E	CC	A1	00	1000101011100
00	07B2	69	69	CC	A1	00	0100110111100
02	0A58	7B	69	CC	7B	00	00011010010101
00	0B1C	AC	AC	CC	7B	00	00111000110100
03	0DFC	EA	AC	CC	7B	EA	00111111101111
00	1025	03	03	CC	7B	EA	101001000000100
01	1335	D8	03	D8	7B	EA	101011001100110
02	1605	4F	03	D8	4F	EA	101000000110101
...

Esempio 2

		RESET	00	00	00	00	
CANALE	INDIRIZZO	DATO	Z0	Z1	Z2	Z3	W utile
03	EA60	04	00	00	00	04	000001100101011111
03	EBC3	59	00	00	00	59	110000111101011111
03	EBC9	66	00	00	00	66	100100111101011111
02	ECEB	EE	00	00	EE	66	110101110011011101
02	F063	2E	00	00	2E	66	110001100000111101
03	F391	94	00	00	2E	94	100010011100111111
03	F700	3A	00	00	2E	3A	000000001110111111
01	FAA0	52	00	52	2E	3A	00000101010101111110
03	FE1D	14	00	52	2E	14	101110000111111111
02	FB78	F4	00	52	F4	14	000111101101111101
01	FD5F	43	00	43	F4	14	111110101011111110
02	FEA1	1F	00	43	1F	14	100001010111111101
03	FEB7	E6	00	43	1F	E6	111011010111111111
03	FFA2	86	00	43	1F	86	010001011111111111
03	FC4F	E4	00	43	1F	E4	111100100011111111
02	FEBC	31	00	43	31	E4	001111010111111101
...

Esempio 3

		RESET	00	00	00	00	
CANALE	INDIRIZZO	DATO	Z0	Z1	Z2	Z3	W utile
00	03E8	16	16	00	00	00	000101111100
03	2176	DA	16	00	00	DA	0110111010000111
02	3873	EB	16	00	EB	DA	1100111000011101
02	495D	E3	16	00	E3	DA	10111010100100101
01	6CDA	89	16	89	E3	DA	01011011001101110
03	8C28	24	16	89	E3	24	000101000011000111
02	9A3F	4D	16	89	4D	24	111111000101100101
00	B25C	4B	4B	89	4D	24	001110100100110100
00	CBAD	BB	BB	89	4D	24	101101011101001100
03	D202	5D	BB	89	4D	5D	010000000100101111
00	D322	73	73	89	4D	5D	010001001100101100
03	E536	DF	73	89	4D	DF	011011001010011111
03	F680	C7	73	89	4D	C7	000000010110111111
01	EB9E	C9	73	C9	4D	C7	011110011101011110
01	C98F	81	73	81	4D	C7	111100011001001110
00	CF7A	0B	0B	81	4D	C7	010111101111001100
...

Esempio 4

		RESET	00	00	00	00	
CANALE	INDIRIZZO	DATO	Z0	Z1	Z2	Z3	W utile
03	03E8	29	00	00	00	29	000101111111
01	A2E5	1D	00	1D	00	29	101001110100010110
00	5CA4	39	39	1D	00	29	00100101001110100
03	8EED	1A	39	1D	00	1A	101101110111000111
02	6616	15	39	1D	15	1A	01101000011001101
01	F177	07	39	07	15	1A	111011101000111110
03	5680	27	39	07	15	27	00000001011010111
02	7E09	E9	39	07	E9	27	10010000011111101
02	1585	7C	39	07	7C	27	101000011010101
03	CC42	05	39	07	7C	05	010000100011001111
02	3ACD	8F	39	07	8F	05	1011001101011101
02	170F	BC	39	07	BC	05	111100001110101
00	B73E	CA	CA	07	BC	05	011111001110110100
03	3B89	FE	CA	07	BC	FE	1001000111011111
02	09FD	FB	CA	07	FB	FE	10111111100101
01	4630	82	CA	82	FB	FE	00001100011000110
...

Esempio 5

		RESET	00	00	00	00	
CANALE	INDIRIZZO	DATO	Z0	Z1	Z2	Z3	W utile
02	03E8	D6	00	00	D6	00	000101111101
01	2FCD	A6	00	A6	D6	00	1011001111110110
01	3E1C	1C	00	1C	D6	00	0011100001111110
01	891B	DE	00	DE	D6	00	110110001001000110
00	ACD7	14	14	DE	D6	00	111010110011010100
02	BEBD	3B	14	DE	3B	00	101111010111110101
01	020E	AB	14	AB	3B	00	011100000110
00	20BB	43	43	AB	3B	00	1101110100000100
02	4E5F	FF	43	AB	FF	00	11111010011100101
01	7B5F	DA	43	DA	FF	00	11111010110111110
03	9CCA	15	43	DA	FF	15	010100110011100111
00	D717	DA	DA	DA	FF	15	111010001110101100
01	0633	7E	DA	7E	FF	15	1100110001110
02	29C1	C2	DA	7E	C2	15	1000001110010101
02	591B	B9	DA	7E	B9	15	11011000100110101
03	89CB	EB	DA	7E	B9	EB	110100111001000111
...

Esempio 6

		RESET	00	00	00	00	
CANALE	INDIRIZZO	DATO	Z0	Z1	Z2	Z3	W utile
01	000A	20	00	20	00	00	010110
02	000F	07	00	20	07	00	111101
03	0012	1D	00	20	07	1D	0100111
00	0015	F7	F7	20	07	1D	1010100
02	001E	26	F7	20	26	1D	0111101
01	0023	6D	F7	6D	26	1D	11000110
03	0025	C6	F7	6D	26	C6	10100111
03	002F	CA	F7	6D	26	CA	11110111
01	0036	35	F7	35	26	CA	01101110
00	003F	03	03	35	26	CA	11111100
00	0043	E9	E9	35	26	CA	110000100
00	0049	65	65	35	26	CA	100100100
01	0050	40	65	40	26	CA	000010110
02	005A	6E	65	40	6E	CA	010110101
02	005F	F6	65	40	F6	CA	111110101
00	0068	26	26	40	F6	CA	000101100
...