

Values for Data Byte when Fast Clock Present (As Usual: Data Byte = Signal*8 + Data)									
Signal	Data								
	0	1	2	3	4	5	6	7	
0	0	1	2	3	4	5	6	7	PB3, PB2, PC7 of parallel connector
1	8	9	10	11	12	13	14	15	
2	16	17	18	19	20	21	22	23	
3	24	25	26	27	28	29	30	31	
4	32	33	34	35	36	37	38	39	
5	40	41	42	43	44	45	46	47	
6	48	49	50	51	52	53	54	55	Blue=Valid clock data
7	56	57	58	59	60	61	62	63	
8	64	65	66	67	68	69	70	71	
9	72	73	74	75	76	77	78	79	White = clock functions
10	80	81	82	83	84	85	86	87	
11	88	89	90	91	92	93	94	95	
12	96	97	98	99	100	101	102	103	
13	104	105	106	107	108	109	110	111	
14	112	113	114	115	116	117	118	119	Green= spare
15	120	121	122	123	124	125	126	127	Red= commands

  

"Signal"	"Data"	Digit	Value	Clock function	"Signal"	"Data"	Command		
6	0	48	3	0	15	0	120		
6	1	49	3	1	15	1	121	send clock data	
6	2	50	3	2	15	2	122	decrease crossing flasher period by 0.1s	
6	3	51	3	3	15	3	123	set crossing flasher period to 2s (default)	
6	4	52	3	4	15	4	124	set detector polarity to high=detect	
6	5	53	3	5	15	5	125	set detector polarity to low=detect (default)	
6	6	54	3	6	15	6	126	turn crossing flasher on	
6	7	55	3	7	15	7	127	turn crossing flasher off	
7	0	56	3	8					
7	1	57	3	9					
7	2	58	3	10	blank	14	0	112	
7	3	59	3	11	speed 1	14	1	113	analog clock on
7	4	60	3	12	speed 2	14	2	114	analog clock off
7	5	61	3	13	speed 3	14	3	115	crossing signal present/force update
7	6	62	3	14	speed 4	14	4	116	add a crossing track
7	7	63	3	15	speed 6	14	5	117	
8	0	64	0	0		14	6	118	
8	1	65	0	1		14	7	119	
8	2	66	0	2					
8	3	67	0	3					
8	4	68	0	4					
8	5	69	0	5					
8	6	70	0	6					
8	7	71	0	7					
9	0	72	0	8					
9	1	73	0	9					
9	2	74	0	10	blank				
9	3	75	0	11	speed 8				
9	4	76	0	12	speed 12				
9	5	77	0	13	subtract 256				
9	6	78	0	14	subtract 16				
9	7	79	0	15	subtract 1				
10	0	80	1	0					
10	1	81	1	1					
10	2	82	1	2					
10	3	83	1	3					
10	4	84	1	4					
10	5	85	1	5					
10	6	86	1	6					
10	7	87	1	7					
11	0	88	1	8					
11	1	89	1	9					
11	2	90	1	10	blank				
11	3	91	1	11	digital clock on				
11	4	92	1	12	digital clock off				
11	5	93	1	13	flash on				
11	6	94	1	14	flash off				
11	7	95	1	15	spare				
12	0	96	2	0					
12	1	97	2	1					
12	2	98	2	2					
12	3	99	2	3					
12	4	100	2	4					





