

Clock settings
Gain=8

BPM R101 27-Jul-05
E.Tanke

		POSITION 1		POSITION 2		POSITION 3		POSITION 4			
		ch0	ch1	ch2	ch3	ch4	ch5	ch6	ch7		
		SERIAL	NUMB3	SERIAL	NUMB2	SERIAL	NUMB4	SERIAL	NUMB5		
clk(dec):	clk(bin):	ch0:	ch1:	ch2:	ch3:	ch4:	ch5:	ch6:	ch7:	sum:	
6	110	1	0	1	2	0	1	1	4		10
23	10111	2	0	0	1	0	1	0	2	sum:	6
74	1001010	2	0	0	0	0	0	0	0	sum:	2
121	1111001	0	0	0	1	0	0	0	0	sum:	1
126	1111110	0	0	0	1	0	0	1	0	sum:	2
SUM		5	0	1	5	0	2	2	6		
		SERIAL	NUMB4	SERIAL	NUMB3	SERIAL	NUMB5	SERIAL	NUMB2		
clk(dec):	clk(bin):	ch0:	ch1:	ch2:	ch3:	ch4:	ch5:	ch6:	ch7:	sum:	
6	110	0	0	4	0	1	1	0	5	sum:	11
23	10111	0	0	2	0	0	1	1	0	sum:	4
74	1001010	0	0	0	0	0	1	0	0	sum:	1
121	1111001	1	0	0	0	0	0	0	0	sum:	1
126	1111110	0	0	2	0	0	1	0	0	sum:	3
SUM		1	0	8	0	1	4	1	5		
		SERIAL	NUMB2	SERIAL	NUMB5	SERIAL	NUMB3	SERIAL	NUMB4		
clk(dec):	clk(bin):	ch0:	ch1:	ch2:	ch3:	ch4:	ch5:	ch6:	ch7:	sum:	
6	110	0	1	0	2	0	0	0	0	sum:	3
23	10111	0	0	0	1	1	0	0	0	sum:	2
74	1001010	0	0	0	0	0	0	0	1	sum:	1
121	1111001	0	3	0	0	0	0	0	0	sum:	3
126	1111110	0	0	0	0	1	0	0	0	sum:	1
SUM		0	4	0	3	2	0	0	1		
		SERIAL	NUMB5	SERIAL	NUMB4	SERIAL	NUMB2	SERIAL	NUMB3		
clk(dec):	clk(bin):	ch0:	ch1:	ch2:	ch3:	ch4:	ch5:	ch6:	ch7:	sum:	
6	110	0	1	0	2	2	3	2	0	sum:	10
23	10111	0	0	0	0	1	0	1	0	sum:	2
74	1001010	1	1	0	0	0	1	0	0	sum:	3
121	1111001	0	0	0	0	0	0	0	0	sum:	0
126	1111110	0	1	0	0	0	1	3	0	sum:	5
SUM		1	3	0	2	3	5	6	0		
SUM		SUM	SUM	SUM	SUM	SUM	SUM	SUM	SUM		
		ch0:	ch1:	ch2:	ch3:	ch4:	ch5:	ch6:	ch7:		
		7	7	9	10	6	11	9	12		

Sum POS1	14	Sum POS2	19	Sum POS3	17	Sum POS4	21
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	ch0:	ch1:	ch0&ch1:
NUMB2	5	19	24
NUMB3	21	0	21
NUMB4	1	5	6
NUMB5	4	16	20
SUM	31	40	

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clk(dec):	clk(bin):	
6	110	34
23	10111	14
74	1001010	7
121	1111001	5
126	1111110	11
total		71

1000 turn avgs	SERIAL	NUMB5	SERIAL	NUMB4	SERIAL	NUMB2	SERIAL	NUMB3
gain 15	ch0:	ch1:	ch2:	ch3:	ch4:	ch5:	ch6:	ch7:
min	83	-38	77	-110	-63	-33	-61	67
max	125	10	123	-39	0	46	61	170
avg	104	-14	100	-74.5	-31.5	6.5	0	118.5
p2p	42	48	46	71	63	79	122	103
gain 8	ch0:	ch1:	ch2:	ch3:	ch4:	ch5:	ch6:	ch7:
min	67	-32	90	-57	-69	-16	-31	103
max	77	-20	101	-45	-57	-3	-16	116
avg	72	-26	95.5	-51	-63	-9.5	-23.5	109.5
p2p	10	12	11	12	12	13	15	13