

PBL-Bestromungsmuster für Schrittmotor-Steuerkarte SMC800/SMC1500

128	64	32	16	8	4	2	1
7	6	5	4	3	2	1	0

DATA

8	7	6	5	4	3	2	1
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0% Strom							1	1
20% Strom							1	0
60% Strom							0	1
100% Strom							0	0
Richtung Phase A							1	
Richtung Phase A							0	
0% Strom				1	1			
20% Strom				1	0			
60% Strom				0	1			
100% Strom				0	0			
Richtung Phase B				1				
Richtung Phase B				0				
Motorendstufe X	0	0						
Motorendstufe Y	0	1						
Motorendstufe Z	1	0						

Halbschritt:

0x27 = 39	0	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1
0x2D = 45	0	0	1	0	1	1	0	1	0	1	0	1	0	1	0	1	0
0x1C = 28	0	0	0	1	1	1	0	0	28	1C	B:0%-	A:100%+					
0x0D = 13	0	0	0	0	1	1	0	1	13	0D	B:60%-	A:60%+					
0x03 = 3	0	0	0	0	0	0	1	1	3	03	B:100%-	A:0%-					
0x09 = 9	0	0	0	0	1	0	0	1	9	09	B:60%-	A:60%-					
0x38 = 56	0	0	1	1	1	0	0	0	56	38	B:0%+	A:100%-					
0x29 = 41	0	0	1	0	1	0	0	1	41	29	B:60%+	A:60%-					

Vollschritt:

0x24 = 36	0	0	1	0	0	1	0	0	36	24	B:100%+	A:100%+
0x20 = 32	0	0	1	0	0	0	0	0	32	20	B:100%+	A:100%-
0x00 = 0	0	0	0	0	0	0	0	0	0	00	B:100%-	A:100%-
0x04 = 4	0	0	0	0	0	1	0	0	4	04	B:100%-	A:100%+

Stromreduzierung auf ...

0%	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20%	0	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1
60%	0	0	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1
hex	63	3F	63	3F	31	1F	31	1F	27	1B	27	1B	59	3B	59	3B	hex
A:0%+	B:100%+	B:60%+	B:0%-	B:60%-	B:100%-	B:60%-	B:0%+	B:60%+	A:0%+	A:60%+	A:100%+	A:60%+	A:0%-	A:60%-	A:100%-	A:60%-	hex
55	37	54	36	30	1E	22	16	19	13	18	12	58	3A	50	32	hex	
47	2F	45	2D	29	1D	13	0D	11	0B	9	09	57	39	41	29	hex	

0%	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20%	0	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1
60%	0	0	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1
hex	63	3F	63	3F	31	1F	27	1B	27	1B	59	3B	59	3B	hex		
A:100%+	B:100%+	B:100%+	B:100%-	B:100%-	B:100%-	B:100%+	B:60%+	A:100%+	A:100%+	A:100%+	A:100%+	A:100%+	A:100%+	A:100%+	A:100%+	A:100%+	hex
54	36	50	32	18	12	22	16	19	13	18	12	58	3A	50	32	hex	
45	2D	41	29	9	09	13	0D	11	0B	9	09	57	39	41	29	hex	