

EMP-FD4

1.	CV 1	PRIM_Addr	default value = hex 3 / 3
2.	CV 17	ExtAddr1	default value = hex 0 / 0
3.	CV 18	ExtAddr2	default value = hex 0 / 0
4.	CV 29	Config_data(short-Addr)	default value = hex 16 / 022
		Config_data(long-Addr)	value = hex 36 / 054
5.	CV 47	Out1 F-value (F0)	default value = hex 1 / 1
6.	CV 48	Out2 F-value (F1)	default value = hex 2 / 2
7.	CV 49	Out3 F-value (F2)	default value = hex 3 / 3
8.	CV 50	Out4 F-value (F3)	default value = hex 4 / 4
9.	CV 51	Out1 control	default value = hex 0 / 0
10.	CV 52	Out2 control	default value = hex 0 / 0
11.	CV 53	Out3 control	default value = hex 0 / 0
12.	CV 54	Out4 control	default value = hex 0 / 0
13.	CV 55	Timer1 (out1)	default value = hex 80 / 128
14.	CV 56	Timer2 (out2)	default value = hex 80 / 128
15.	CV 57	Timer3 (out3)	default value = hex 80 / 128
16.	CV 58	Timer4 (out4)	default value = hex 80 / 128
17.	CV 59	Timer Strobe1 (out1)	default value = hex FF / 255
18.	CV 60	Timer Strobe2 (out2)	default value = hex FF / 255
19.	CV 61	Timer Strobe3 (out3)	default value = hex FF / 255
20.	CV 62	Timer Strobe4 (out4)	default value = hex FF / 255
21.	CV 112	Pretimer to Timer1(out1)	default value = hex 30 / 048
22.	CV 113	Pretimer to Timer2(out2)	default value = hex 30 / 048
23.	CV 114	Pretimer to Timer3(out3)	default value = hex 30 / 048
24.	CV 115	Pretimer to Timer4(out4)	default value = hex 30 / 048
25.	CV 116	Pretimer to Strobe1(out1)	default value = hex 30 / 048
26.	CV 117	Pretimer to Strobe2(out2)	default value = hex 30 / 048
27.	CV 118	Pretimer to Strobe3(out3)	default value = hex 30 / 048
28.	CV 119	Pretimer to Strobe4(out4)	default value = hex 30 / 048

29.	CV 47-50	No output	hex 00 / 00
		F0 output	hex 01 / 01
		F1 output	hex 02 / 02
		F2 output	hex 03 / 03
		F3 output	hex 04 / 04
		F4 output	hex 05 / 05
		F5 output	hex 06 / 06
		F6 output	hex 07 / 07
		F7 output	hex 08 / 08
		F8 output	hex 09 / 09
		F9 output	hex 0A / 10
		F10 output	hex 0B / 11
		F11 output	hex 0C / 12
		F12 output	hex 0D / 13
		No output	hex 0E-FF / 14-255

30.	CV 51-54	Constant output	hex 00 / 00
		Timer output	hex 80 / 128
		Timer single pulse	hex 81 / 129
		Timer Strobe	hex 82 / 130

		Constant output f-dir	hex 40 / 64
		Timer output f-dir	hex C0 / 192
		Timer single pulse f-dir	hex C1 / 193
		Timer Strobe f-dir	hex C2 / 194

		Constant output r-dir	hex 20 / 32
		Timer output r-dir	hex A0 / 160
		Timer single pulse r-dir	hex A1 / 161
		Timer Strobe r-dir	hex A2 / 162

f-dir = forward direction  
r-dir = reverse direction

31.	CV 55-58	can have value from	hex 01-FF / 1-255
32.	CV 59-62	can have value from	hex 01-FF / 1-255
33.	CV 112-115	can have value from	hex 01-FF / 1-255
34.	CV 116-119	can have value from	hex 01-FF / 1-255

35. When pretimer and timer is 255 the time is like 13 sec  
36. Factory reset if program CV 8 = 8