

	version 1.1. - 21.11.2013					
	POLY	DRUM	MONO FM	XOR	SQNCr	microGranny 2
midi note	yes	yes	yes	yes	no	yes
velocity	yes	yes	no	yes	no	yes
clock	no	yes	no	yes	yes	yes
pitch bend	no	no	no	yes	no	no
sustain pedal	no	no	no	yes	no	yes
sysEx	pokemon, test	test	test	pokemon, test	test	
modWheel	no	no	no	lfo amt	no	yes
CC						
	0 preset change	preset change	preset change	preset change	preset change	preset change
1-modWheel				lfoAmt		
2						
3	pitch sound 1	sample Rate sound 1				
4	amt / res sound 1	stretch sound 1	S	S	S	
5	mod / cutoff sound 1	cut sound 1	C	C	C	
6	lfo rate sound 1	sample sound 1	R	R	R	
7	lfo amt sound 1	crush sound 1	O	O	O	
8	lfo resolution sound 1	volume sound 1	L	L	L	
9	attack sound 1	sample Rate sound 2	L	L	L	
10	sustain sound 1	stretch sound 2	D	D	D	
11	release sound 1	cut sound 2	O	O	O	
12	osc char sound 1	sample sound 2	W	W	W	
13	lfo char sound 1	crush sound 2	N	N	N	
14	adsr char sound 1	volume sound 2	↓	↓	↓	
15	pitch sound 2	sample Rate sound 3	↓	↓	↓	
16	amt / res sound 2	stretch sound 3	↓	↓	↓	
17	mod / cutoff sound 2	cut sound 3	↓	↓	↓	
18	lfo rate sound 2	sample sound 3	↓	↓	↓	
19	lfo amt sound 2	crush sound 3	↓	↓	↓	
20	lfo resolution sound 2	volume sound 3	↓	↓	↓	
21	attack sound 2	sample Rate sound 4				
22	sustain sound 2	stretch sound 4				
23	release sound 2	cut sound 4				
24	osc char sound 2	sample sound 4				
25	lfo char sound 2	crush sound 4				
26	adsr char sound 2	volume sound 4				
27	pitch sound 3	sample Rate sound 5				
28	amt / res sound 3	stretch sound 5				
29	mod / cutoff sound 3	cut sound 5				
30	lfo rate sound 3	sample sound 5				
31	lfo amt sound 3	crush sound 5				

32	lfo resolution sound 3	volume sound 5				
33	attack sound 3	sample Rate sound 6				
34	sustain sound 3	stretch sound 6				
35	release sound 3	cut sound 6				
36	osc char sound 3	sample sound 6				
37	lfo char sound 3	crush sound 6				
38	adsr char sound 3	volume sound 6				
39	pitch sound 4					
40	amt / res sound 4					
41	mod / cutoff sound 4					
42	lfo rate sound 4					
43	lfo amt sound 4					
44	lfo resolution sound 4					
45	attack sound 4					
46	sustain sound 4					
47	release sound 4					
48	osc char sound 4					
49	lfo char sound 4					
50	adsr char sound 4					
51	pitch sound 5					
52	amt / res sound 5					
53	mod / cutoff sound 5					
54	lfo rate sound 5					
55	lfo amt sound 5					
56	lfo resolution sound 5					
57	attack sound 5					
58	sustain sound 5					
59	release sound 5					
60	osc char sound 5					
61	lfo char sound 5					
62	adsr char sound 5					
63	pitch sound 6					
64	reserved for future sustain pedal			sustain pedal		sustain
65	amt / res sound 6					
66	mod / cutoff sound 6					
67	lfo rate sound 6					
68	lfo amt sound 6					
69	lfo resolution sound 6					
70	attack sound 6					
71	sustain sound 6					
72	release sound 6					
73	osc char sound 6					

74	lfo char sound 6					
75	adsr char sound 6					
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102	pitch soundByMidi	sample Rate soundByMidi	carr pitch	arpRate	pattern 1	sampleRate
103	amt / res soundByMidi	stretch soundByMidi	overall amount	xorAmt	pattern 2	crush
104	mod / cutoff soundByMidi	cut soundByMidi	algorithm	oscChar	pattern 3	attack
105	lfo rate soundByMidi	sample soundByMidi	var WT	arpType	tempo	release
106	lfo amt soundByMidi	crush soundByMidi	R mod detune	lfo Rate	pattern lenght	grain size
107	lfo resolution soundByMidi	volume soundByMidi	R mod amount	lfo Amt	groove	shiftSpeed
108	attack soundByMidi	pattern	R mod harmonic	lfo Resolution		start
109	sustain soundByMidi	tempo	R mod WT	lfo Shape		end
110	release soundByMidi	pattern lenght	G mod detune	attack		
111	osc char soundByMidi	groove	G mod amount	sustain		
112	lfo char soundByMidi		G mod harmonic	release		
113	adsr char soundByMidi		G mod WT	decay		
114			B mod detune	arp ON/OFF		
115			B mod amount			

116			B mod harmonic			
117			B mod WT			
118			lfo rate			
119			lfo amt			
120			lfo destination/resolution			
121			lfo shape			
122						
123						
124						
125						
126						
127	randomize soundByMidi	randomize soundByMidi	randomize soundByMidi	randomize	randomize pattern	randomize
todo						
	want to implement characters individually					
	osc WT					
	mod WT / filterType					
	fm					
	lfo dest					
	lfo shape					
	decay					
	adsr amt					
	adsr dest					