

PG-800 synthesizer programmer code

Channel	REFDES	Yx	LEGEND	FUNCTION					First byte: CHANNEL + \$80		Second byte: Values
				POT SLIDER	POT ROTARY	SW4P	SW3P	SW2P	Dec	Hex	Hex
0	IC3	Y1	DCO1 RANGE			x			128	80	0,20,40,60
1	IC1	Y3	DCO1 WAVE			x			129	81	0,20,40,60
2	IC1	Y3	DCO1 TUNE		x				130	82	0..7F
3	IC2	Y2	DCO1 LFO	x					131	83	0..7F
4	IC3	Y1	DCO1 ENV	x					132	84	0..7F
5	IC1	Y3	DCO2 RANGE			x			133	85	0,20,40,60
6	IC1	Y3	DCO2 WAVE			x			134	86	0,20,40,60
7	IC1	Y3	DCO2 CROSS			x			135	87	0,20,40,60
8	IC1	Y3	DCO2 TUNE		x				136	88	0..7F
9	IC1	Y3	DCO2 FINE		x				137	89	0..7F
10	IC3	Y1	DCO2 LFO	x					138	8A	0..7F
11	IC3	Y1	DCO2 ENV	x					139	8B	0..7F
12	IC2	Y2	DCO DYNA			x			140	8C	0,20,40,60
13	IC2	Y2	DCO ENV MODE			x			141	8D	0,20,40,60
14	IC1	Y3	MIX DCO1	x					142	8E	0..7F
15	IC4	Y0	MIX DCO2	x					143	8F	0..7F
16	IC5	Y4	MIX ENV	x					144	90	0..7F
17	IC3	Y1	MIX DYNA			x			145	91	0,20,40,60
18	IC5	Y4	MIX ENV MODE			x			146	92	0,20,40,60
19	IC4	Y0	HPF			x			147	93	0,20,40,60
20	IC4	Y0	VCF FREQ	x					148	94	0..7F
21	IC4	Y0	VCF RES	x					149	95	0..7F
22	IC4	Y0	VCF LFO	x					150	96	0..7F
23	IC4	Y0	VCF ENV	x					151	97	0..7F
24	IC4	Y0	VCF KEYF	x					152	98	0..7F
25	IC5	Y4	VCF DYNA			x			153	99	0,20,40,60
26	IC5	Y4	VCF ENV MODE			x			154	9A	0,20,40,60
27	IC4	Y0	VCA LEVEL	x					155	9B	0..7F
28	IC5	Y4	VCA DYNA			x			156	9C	0,20,40,60
29	IC6	Y5	CHORUS				x		157	9D	0,20,40
30	IC2	Y2	LFO WAVE				x		158	9E	0,20,40
31	IC2	Y2	LFO DELAY	x					159	9F	0..7F
32	IC2	Y2	LFO RATE	x					160	A0	0..7F
33	IC2	Y2	ENV1 A	x					161	A1	0..7F
34	IC3	Y1	ENV1 D	x					162	A2	0..7F
35	IC3	Y1	ENV1 S	x					163	A3	0..7F
36	IC3	Y1	ENV1 R	x					164	A4	0..7F
37	IC2	Y2	ENV1 KEYF			x			165	A5	0,20,40,60
38	IC6	Y5	ENV2 A	x					166	A6	0..7F
39	IC6	Y5	ENV2 D	x					167	A7	0..7F
40	IC5	Y4	ENV2 S	x					168	A8	0..7F
41	IC5	Y4	ENV2 R	x					169	A9	0..7F
42	IC6	Y5	ENV2 KEYF			x			170	AA	0,20,40,60
44	IC5	Y4	VCA MODE					x	172	AC	0,40
	IC6	Y5	(undefined)								
	IC6	Y5	(undefined)						Ch 43 skipped!		
	IC6	Y5	(undefined)								
	IC6	Y5	(undefined)								

The Write button sends out a SINGLE byte Decimal 30 (\$1E)

The 'Manual' button barks out all parameters preceded by a single decimal 31 (\$1F). Then all parameters pass in sequence, numbered '128' to '172' BUT SKIPPING '171'.

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