

	OP or Voice	Voice/OP	Reg Adr	D7	D6	D5	D4	D3	D2	D1	D0
Global			001			WSEnable	Test Register				
Global			101			WSEnable	Test Register				
Global			002	Timer 1 Counter (80 µsec Resolution)							
Global			102	Timer 1 Counter (80 µsec Resolution)							
Global			003	Timer 2 Counter (320 µsec Resolution)							
Global			103	Timer 2 Counter (320 µsec Resolution)							
Global			004	IRQReset	T1 Mask	T2 Mask				T2 Start	T1 Start
Global			104			4-OP Ch11	4-OP Ch10	4-OP Ch9	4-OP Ch2	4-OP Ch1	4-OP Ch0
Global			005								
Global			105								OPL3 On
Global			008	SpeechMode	KeybSplit						
Global			108	SpeechMode	KeybSplit						
Global			0BD	AM-Depthx2	FM-Depthx2	PercOn	BD KeyOn	SD KeyOn	TT KeyOn	CY KeyOn	HH KeyOn
Global			1BD	AM-Depthx2	FM-Depthx2	PercOn	BD KeyOn	SD KeyOn	TT KeyOn	CY KeyOn	HH KeyOn
Channel	0	0	0A0	FreqTune (D0 - D7)							
Channel	1	1	0A1	FreqTune (D0 - D7)							
Channel	2	2	0A2	FreqTune (D0 - D7)							
Channel	9	3	1A0	FreqTune (D0 - D7)							
Channel	10	4	1A1	FreqTune (D0 - D7)							
Channel	11	5	1A2	FreqTune (D0 - D7)							
Channel	15	6	1A6	FreqTune (D0 - D7)							
Channel	16	7	1A7	FreqTune (D0 - D7)							
Channel	17	8	1A8	FreqTune (D0 - D7)							
Channel	0	0	0B0			VoiceKeyOn	Octave 0 - 7			FreqTune (D8 - D9)	
Channel	1	1	0B1			VoiceKeyOn	Octave 0 - 7			FreqTune (D8 - D9)	
Channel	2	2	0B2			VoiceKeyOn	Octave 0 - 7			FreqTune (D8 - D9)	
Channel	9	3	1B0			VoiceKeyOn	Octave 0 - 7			FreqTune (D8 - D9)	
Channel	10	4	1B1			VoiceKeyOn	Octave 0 - 7			FreqTune (D8 - D9)	
Channel	11	5	1B2			VoiceKeyOn	Octave 0 - 7			FreqTune (D8 - D9)	
Channel	15	6	1B6			VoiceKeyOn	Octave 0 - 7			FreqTune (D8 - D9)	
Channel	16	7	1B7			VoiceKeyOn	Octave 0 - 7			FreqTune (D8 - D9)	
Channel	17	8	1B8			VoiceKeyOn	Octave 0 - 7			FreqTune (D8 - D9)	
Channel	0	0	0C0			Right On	Left On	FeedBack Modulation Factor			AM/FM
Channel	1	1	0C1			Right On	Left On	FeedBack Modulation Factor			AM/FM
Channel	2	2	0C2			Right On	Left On	FeedBack Modulation Factor			AM/FM
Channel	3	0	0C3			Right On	Left On	FeedBack Modulation Factor			AM/FM
Channel	4	1	0C4			Right On	Left On	FeedBack Modulation Factor			AM/FM
Channel	5	2	0C5			Right On	Left On	FeedBack Modulation Factor			AM/FM
Channel	9	3	1C0			Right On	Left On	FeedBack Modulation Factor			AM/FM
Channel	10	4	1C1			Right On	Left On	FeedBack Modulation Factor			AM/FM
Channel	11	5	1C2			Right On	Left On	FeedBack Modulation Factor			AM/FM
Channel	12	3	1C3			Right On	Left On	FeedBack Modulation Factor			AM/FM
Channel	13	4	1C4			Right On	Left On	FeedBack Modulation Factor			AM/FM
Channel	14	5	1C5			Right On	Left On	FeedBack Modulation Factor			AM/FM
Channel	15	6	1C6			Right On	Left On	FeedBack Modulation Factor			AM/FM
Channel	16	7	1C7			Right On	Left On	FeedBack Modulation Factor			AM/FM
Channel	17	8	1C8			Right On	Left On	FeedBack Modulation Factor			AM/FM
Operator	0	0-A	020	AM-ModOn	FM-ModOn	SustainOn	KeybScOn	Frequency Multiplication			
Operator	1	1-A	021	AM-ModOn	FM-ModOn	SustainOn	KeybScOn	Frequency Multiplication			
Operator	2	2-A	022	AM-ModOn	FM-ModOn	SustainOn	KeybScOn	Frequency Multiplication			
Operator	3	0-B	023	AM-ModOn	FM-ModOn	SustainOn	KeybScOn	Frequency Multiplication			
Operator	4	1-B	024	AM-ModOn	FM-ModOn	SustainOn	KeybScOn	Frequency Multiplication			
Operator	5	2-B	025	AM-ModOn	FM-ModOn	SustainOn	KeybScOn	Frequency Multiplication			
Operator	6	0-C	028	AM-ModOn	FM-ModOn	SustainOn	KeybScOn	Frequency Multiplication			
Operator	7	1-C	029	AM-ModOn	FM-ModOn	SustainOn	KeybScOn	Frequency Multiplication			
Operator	8	2-C	02A	AM-ModOn	FM-ModOn	SustainOn	KeybScOn	Frequency Multiplication			
Operator	9	0-D	02B	AM-ModOn	FM-ModOn	SustainOn	KeybScOn	Frequency Multiplication			
Operator	10	1-D	02C	AM-ModOn	FM-ModOn	SustainOn	KeybScOn	Frequency Multiplication			
Operator	11	2-D	02D	AM-ModOn	FM-ModOn	SustainOn	KeybScOn	Frequency Multiplication			
Operator	12	BD-A	030	AM-ModOn	FM-ModOn	SustainOn	KeybScOn	Frequency Multiplication			
Operator	13	HH-A	031	AM-ModOn	FM-ModOn	SustainOn	KeybScOn	Frequency Multiplication			
Operator	14	TT-A	032	AM-ModOn	FM-ModOn	SustainOn	KeybScOn	Frequency Multiplication			
Operator	15	BD-B	033	AM-ModOn	FM-ModOn	SustainOn	KeybScOn	Frequency Multiplication			
Operator	16	SD-A	034	AM-ModOn	FM-ModOn	SustainOn	KeybScOn	Frequency Multiplication			
Operator	17	CY-A	035	AM-ModOn	FM-ModOn	SustainOn	KeybScOn	Frequency Multiplication			
Operator	18	3-A	120	AM-ModOn	FM-ModOn	SustainOn	KeybScOn	Frequency Multiplication			
Operator	19	4-A	121	AM-ModOn	FM-ModOn	SustainOn	KeybScOn	Frequency Multiplication			
Operator	20	5-A	122	AM-ModOn	FM-ModOn	SustainOn	KeybScOn	Frequency Multiplication			
Operator	21	3-B	123	AM-ModOn	FM-ModOn	SustainOn	KeybScOn	Frequency Multiplication			
Operator	22	4-B	124	AM-ModOn	FM-ModOn	SustainOn	KeybScOn	Frequency Multiplication			
Operator	23	5-B	125	AM-ModOn	FM-ModOn	SustainOn	KeybScOn	Frequency Multiplication			
Operator	24	3-C	128	AM-ModOn	FM-ModOn	SustainOn	KeybScOn	Frequency Multiplication			

Operator	25	4-C	129	AM-ModOn	FM-ModOn	SustainOn	KeybScOn	Frequency Multiplication
Operator	26	5-C	12A	AM-ModOn	FM-ModOn	SustainOn	KeybScOn	Frequency Multiplication
Operator	27	3-D	12B	AM-ModOn	FM-ModOn	SustainOn	KeybScOn	Frequency Multiplication
Operator	28	4-D	12C	AM-ModOn	FM-ModOn	SustainOn	KeybScOn	Frequency Multiplication
Operator	29	5-D	12D	AM-ModOn	FM-ModOn	SustainOn	KeybScOn	Frequency Multiplication
Operator	30	6-A	130	AM-ModOn	FM-ModOn	SustainOn	KeybScOn	Frequency Multiplication
Operator	31	7-A	131	AM-ModOn	FM-ModOn	SustainOn	KeybScOn	Frequency Multiplication
Operator	32	8-A	132	AM-ModOn	FM-ModOn	SustainOn	KeybScOn	Frequency Multiplication
Operator	33	6-B	133	AM-ModOn	FM-ModOn	SustainOn	KeybScOn	Frequency Multiplication
Operator	34	7-B	134	AM-ModOn	FM-ModOn	SustainOn	KeybScOn	Frequency Multiplication
Operator	35	8-B	135	AM-ModOn	FM-ModOn	SustainOn	KeybScOn	Frequency Multiplication
Operator	0	0-A	040	Key Scale Damping				Output Level (Attenuation)
Operator	1	1-A	041	Key Scale Damping				Output Level (Attenuation)
Operator	2	2-A	042	Key Scale Damping				Output Level (Attenuation)
Operator	3	0-B	043	Key Scale Damping				Output Level (Attenuation)
Operator	4	1-B	044	Key Scale Damping				Output Level (Attenuation)
Operator	5	2-B	045	Key Scale Damping				Output Level (Attenuation)
Operator	6	0-C	048	Key Scale Damping				Output Level (Attenuation)
Operator	7	1-C	049	Key Scale Damping				Output Level (Attenuation)
Operator	8	2-C	04A	Key Scale Damping				Output Level (Attenuation)
Operator	9	0-D	04B	Key Scale Damping				Output Level (Attenuation)
Operator	10	1-D	04C	Key Scale Damping				Output Level (Attenuation)
Operator	11	2-D	04D	Key Scale Damping				Output Level (Attenuation)
Operator	12	BD-A	050	Key Scale Damping				Output Level (Attenuation)
Operator	13	HH-A	051	Key Scale Damping				Output Level (Attenuation)
Operator	14	TT-A	052	Key Scale Damping				Output Level (Attenuation)
Operator	15	BD-B	053	Key Scale Damping				Output Level (Attenuation)
Operator	16	SD-A	054	Key Scale Damping				Output Level (Attenuation)
Operator	17	CY-A	055	Key Scale Damping				Output Level (Attenuation)
Operator	18	3-A	140	Key Scale Damping				Output Level (Attenuation)
Operator	19	4-A	141	Key Scale Damping				Output Level (Attenuation)
Operator	20	5-A	142	Key Scale Damping				Output Level (Attenuation)
Operator	21	3-B	143	Key Scale Damping				Output Level (Attenuation)
Operator	22	4-B	144	Key Scale Damping				Output Level (Attenuation)
Operator	23	5-B	145	Key Scale Damping				Output Level (Attenuation)
Operator	24	3-C	148	Key Scale Damping				Output Level (Attenuation)
Operator	25	4-C	149	Key Scale Damping				Output Level (Attenuation)
Operator	26	5-C	14A	Key Scale Damping				Output Level (Attenuation)
Operator	27	3-D	14B	Key Scale Damping				Output Level (Attenuation)
Operator	28	4-D	14C	Key Scale Damping				Output Level (Attenuation)
Operator	29	5-D	14D	Key Scale Damping				Output Level (Attenuation)
Operator	30	6-A	150	Key Scale Damping				Output Level (Attenuation)
Operator	31	7-A	151	Key Scale Damping				Output Level (Attenuation)
Operator	32	8-A	152	Key Scale Damping				Output Level (Attenuation)
Operator	33	6-B	153	Key Scale Damping				Output Level (Attenuation)
Operator	34	7-B	154	Key Scale Damping				Output Level (Attenuation)
Operator	35	8-B	155	Key Scale Damping				Output Level (Attenuation)
Operator	0	0-A	060			Attack Rate		Decay Rate
Operator	1	1-A	061			Attack Rate		Decay Rate
Operator	2	2-A	062			Attack Rate		Decay Rate
Operator	3	0-B	063			Attack Rate		Decay Rate
Operator	4	1-B	064			Attack Rate		Decay Rate
Operator	5	2-B	065			Attack Rate		Decay Rate
Operator	6	0-C	068			Attack Rate		Decay Rate
Operator	7	1-C	069			Attack Rate		Decay Rate
Operator	8	2-C	06A			Attack Rate		Decay Rate
Operator	9	0-D	06B			Attack Rate		Decay Rate
Operator	10	1-D	06C			Attack Rate		Decay Rate
Operator	11	2-D	06D			Attack Rate		Decay Rate
Operator	12	BD-A	070			Attack Rate		Decay Rate
Operator	13	HH-A	071			Attack Rate		Decay Rate
Operator	14	TT-A	072			Attack Rate		Decay Rate
Operator	15	BD-B	073			Attack Rate		Decay Rate
Operator	16	SD-A	074			Attack Rate		Decay Rate
Operator	17	CY-A	075			Attack Rate		Decay Rate
Operator	18	3-A	160			Attack Rate		Decay Rate
Operator	19	4-A	161			Attack Rate		Decay Rate
Operator	20	5-A	162			Attack Rate		Decay Rate
Operator	21	3-B	163			Attack Rate		Decay Rate
Operator	22	4-B	164			Attack Rate		Decay Rate
Operator	23	5-B	165			Attack Rate		Decay Rate
Operator	24	3-C	168			Attack Rate		Decay Rate
Operator	25	4-C	169			Attack Rate		Decay Rate
Operator	26	5-C	16A			Attack Rate		Decay Rate
Operator	27	3-D	16B			Attack Rate		Decay Rate

Operator	28	4-D	16C	Attack Rate	Decay Rate
Operator	29	5-D	16D	Attack Rate	Decay Rate
Operator	30	6-A	170	Attack Rate	Decay Rate
Operator	31	7-A	171	Attack Rate	Decay Rate
Operator	32	8-A	172	Attack Rate	Decay Rate
Operator	33	6-B	173	Attack Rate	Decay Rate
Operator	34	7-B	174	Attack Rate	Decay Rate
Operator	35	8-B	175	Attack Rate	Decay Rate
Operator	0	0-A	080	Sustain Level	Release Rate
Operator	1	1-A	081	Sustain Level	Release Rate
Operator	2	2-A	082	Sustain Level	Release Rate
Operator	3	0-B	083	Sustain Level	Release Rate
Operator	4	1-B	084	Sustain Level	Release Rate
Operator	5	2-B	085	Sustain Level	Release Rate
Operator	6	0-C	088	Sustain Level	Release Rate
Operator	7	1-C	089	Sustain Level	Release Rate
Operator	8	2-C	08A	Sustain Level	Release Rate
Operator	9	0-D	08B	Sustain Level	Release Rate
Operator	10	1-D	08C	Sustain Level	Release Rate
Operator	11	2-D	08D	Sustain Level	Release Rate
Operator	12	BD-A	090	Sustain Level	Release Rate
Operator	13	HH-A	091	Sustain Level	Release Rate
Operator	14	TT-A	092	Sustain Level	Release Rate
Operator	15	BD-B	093	Sustain Level	Release Rate
Operator	16	SD-A	094	Sustain Level	Release Rate
Operator	17	CY-A	095	Sustain Level	Release Rate
Operator	18	3-A	180	Sustain Level	Release Rate
Operator	19	4-A	181	Sustain Level	Release Rate
Operator	20	5-A	182	Sustain Level	Release Rate
Operator	21	3-B	183	Sustain Level	Release Rate
Operator	22	4-B	184	Sustain Level	Release Rate
Operator	23	5-B	185	Sustain Level	Release Rate
Operator	24	3-C	188	Sustain Level	Release Rate
Operator	25	4-C	189	Sustain Level	Release Rate
Operator	26	5-C	18A	Sustain Level	Release Rate
Operator	27	3-D	18B	Sustain Level	Release Rate
Operator	28	4-D	18C	Sustain Level	Release Rate
Operator	29	5-D	18D	Sustain Level	Release Rate
Operator	30	6-A	190	Sustain Level	Release Rate
Operator	31	7-A	191	Sustain Level	Release Rate
Operator	32	8-A	192	Sustain Level	Release Rate
Operator	33	6-B	193	Sustain Level	Release Rate
Operator	34	7-B	194	Sustain Level	Release Rate
Operator	35	8-B	195	Sustain Level	Release Rate
Operator	0	0-A	0E0		Waveform Select
Operator	1	1-A	0E1		Waveform Select
Operator	2	2-A	0E2		Waveform Select
Operator	3	0-B	0E3		Waveform Select
Operator	4	1-B	0E4		Waveform Select
Operator	5	2-B	0E5		Waveform Select
Operator	6	0-C	0E8		Waveform Select
Operator	7	1-C	0E9		Waveform Select
Operator	8	2-C	0EA		Waveform Select
Operator	9	0-D	0EB		Waveform Select
Operator	10	1-D	0EC		Waveform Select
Operator	11	2-D	0ED		Waveform Select
Operator	12	BD-A	0F0		Waveform Select
Operator	13	HH-A	0F1		Waveform Select
Operator	14	TT-A	0F2		Waveform Select
Operator	15	BD-B	0F3		Waveform Select
Operator	16	SD-A	0F4		Waveform Select
Operator	17	CY-A	0F5		Waveform Select
Operator	18	3-A	1E0		Waveform Select
Operator	19	4-A	1E1		Waveform Select
Operator	20	5-A	1E2		Waveform Select
Operator	21	3-B	1E3		Waveform Select
Operator	22	4-B	1E4		Waveform Select
Operator	23	5-B	1E5		Waveform Select
Operator	24	3-C	1E8		Waveform Select
Operator	25	4-C	1E9		Waveform Select
Operator	26	5-C	1EA		Waveform Select
Operator	27	3-D	1EB		Waveform Select
Operator	28	4-D	1EC		Waveform Select
Operator	29	5-D	1ED		Waveform Select
Operator	30	6-A	1F0		Waveform Select

Operator	31	7-A	1F1						Waveform Select
Operator	32	8-A	1F2						Waveform Select
Operator	33	6-B	1F3						Waveform Select
Operator	34	7-B	1F4						Waveform Select
Operator	35	8-B	1F5						Waveform Select