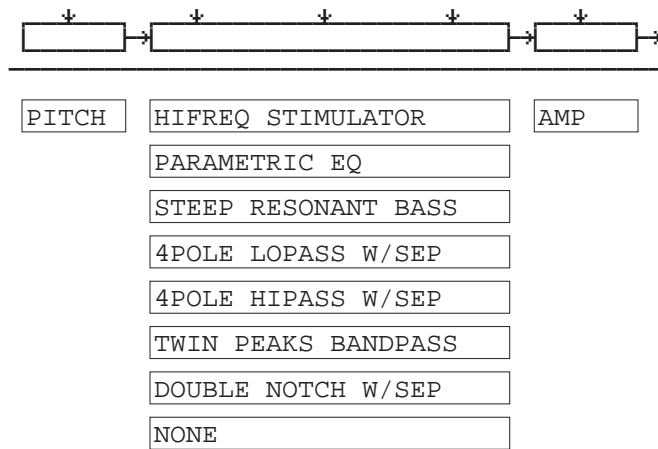


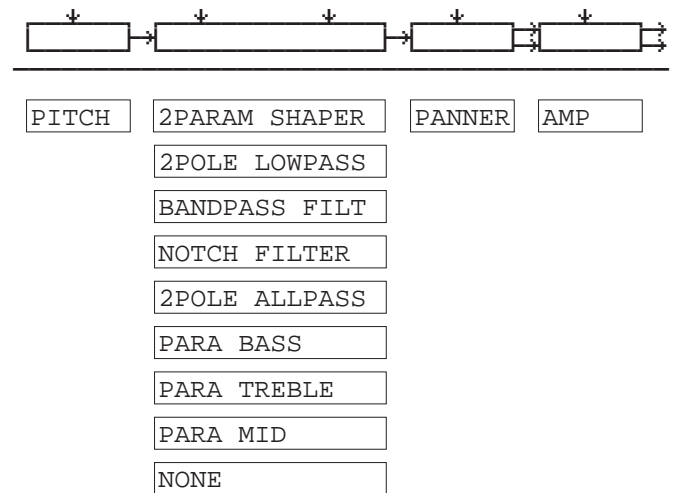
Chapter 26

DSP Algorithms

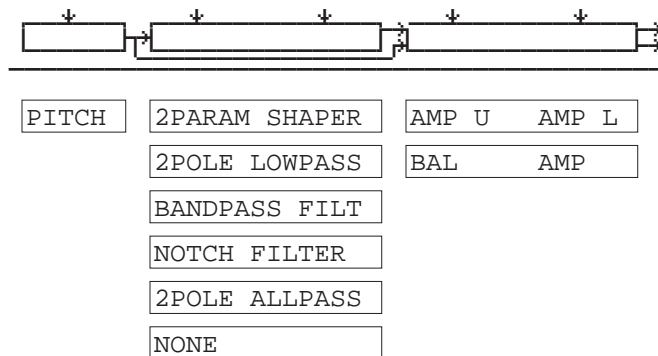
Algorithm 1



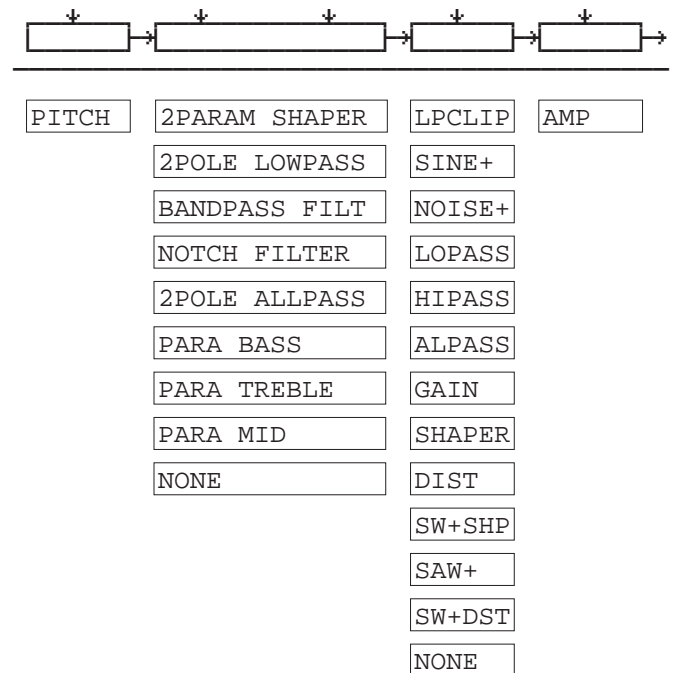
Algorithm 2



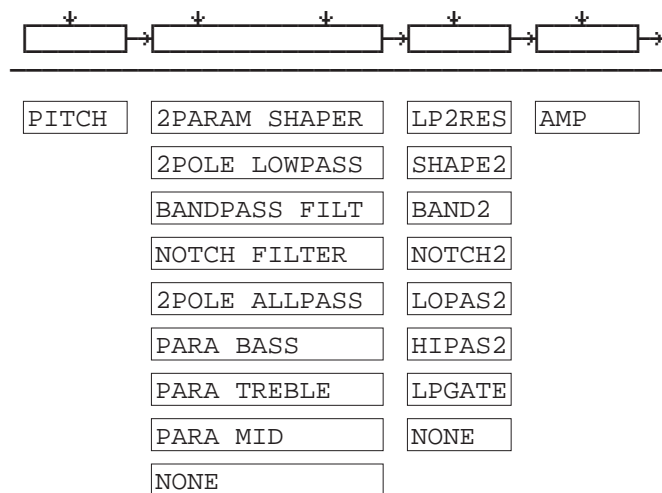
Algorithm 3



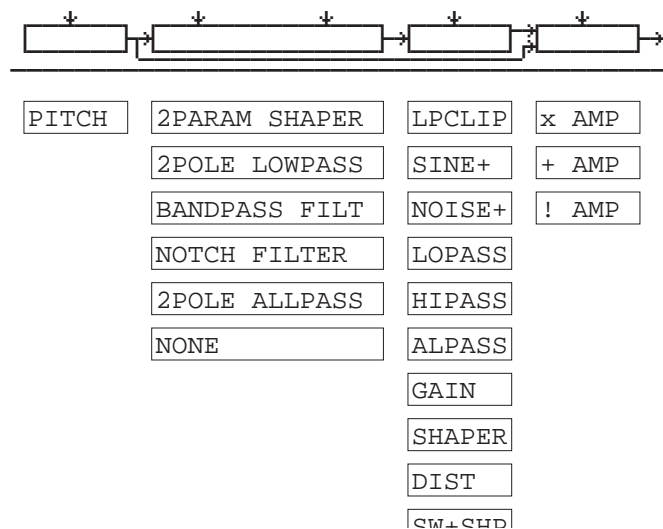
Algorithm 4



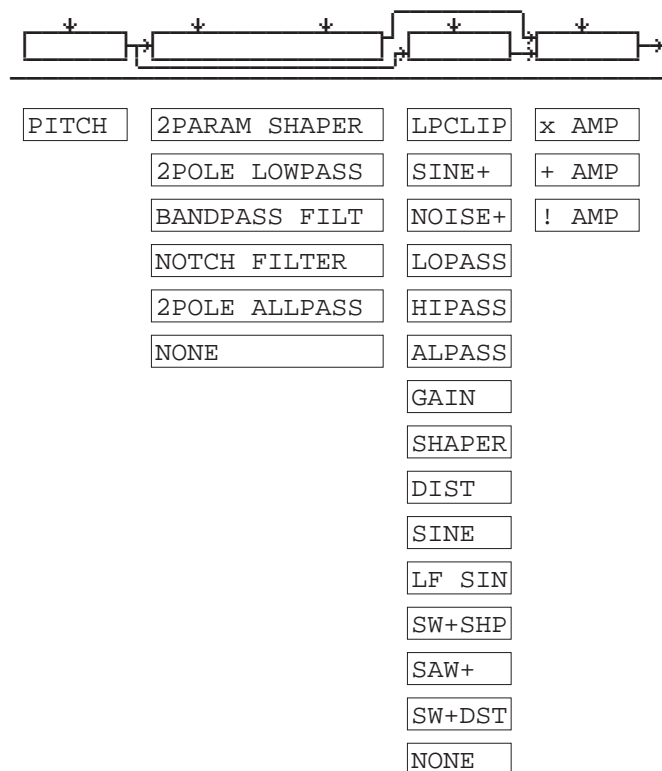
Algorithm 5



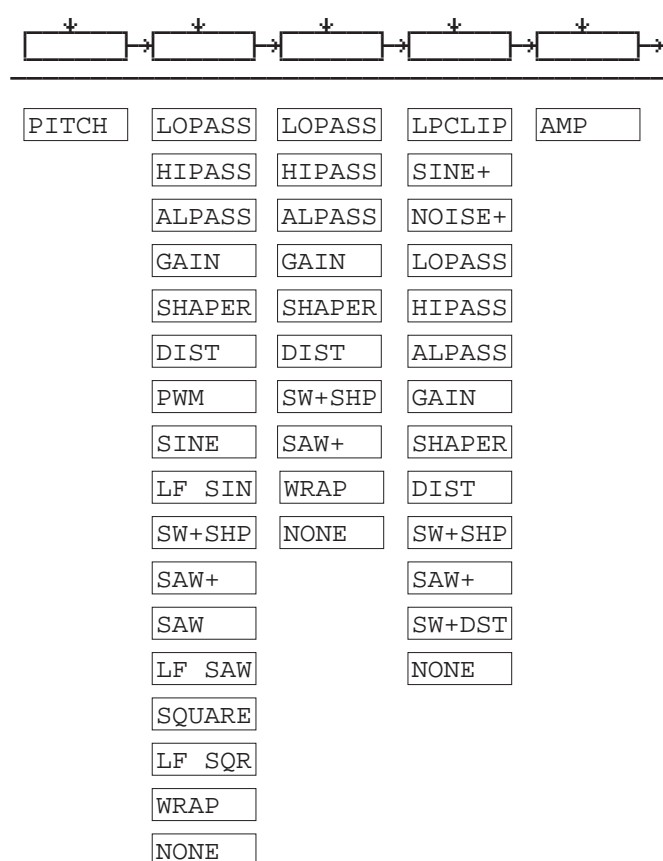
Algorithm 6



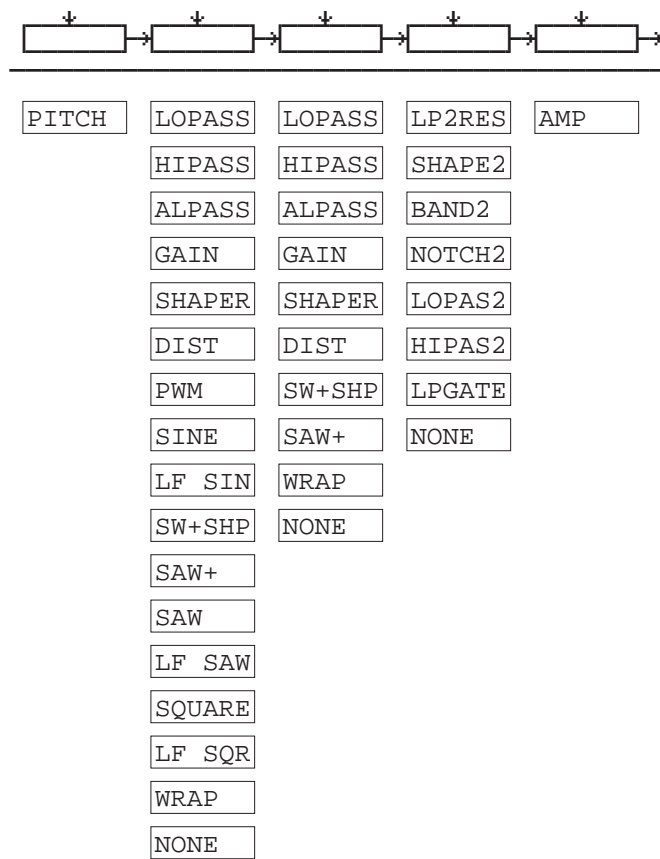
Algorithm 7



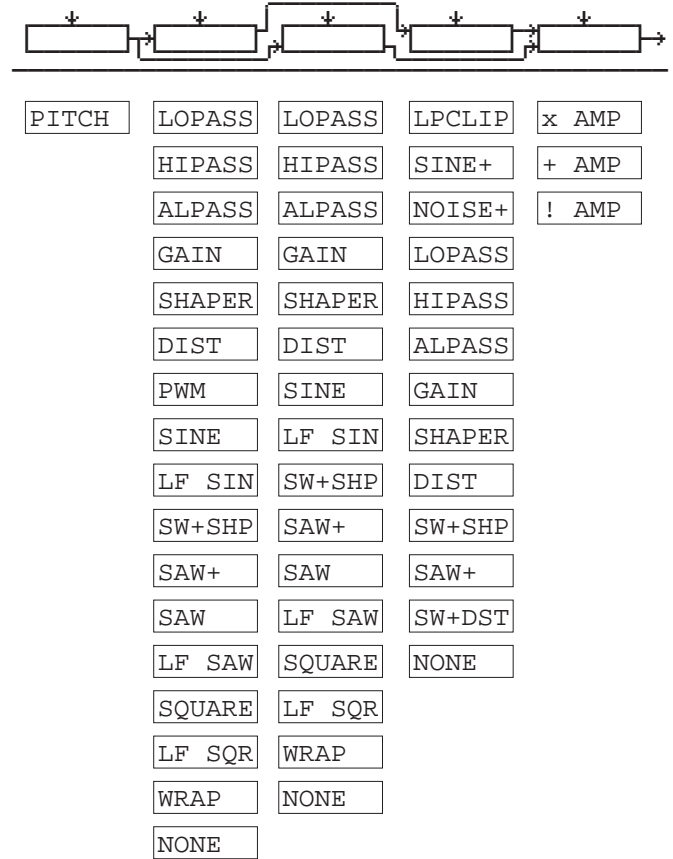
Algorithm 8



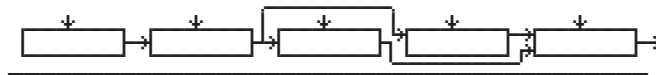
Algorithm 9



Algorithm 10

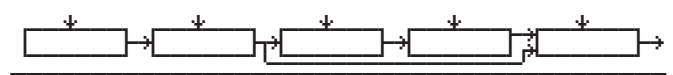


Algorithm 11



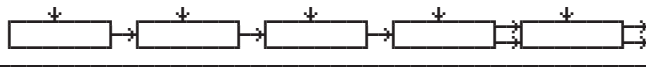
PITCH	LOPASS	LOPASS	LPCLIP	x AMP
	HIPASS	HIPASS	SINE+	+ AMP
	ALPASS	ALPASS	NOISE+	! AMP
	GAIN	GAIN	LOPASS	
	SHAPER	SHAPER	HIPASS	
	DIST	DIST	ALPASS	
	PWM	SINE	GAIN	
	SINE	LF SIN	SHAPER	
	LF SIN	SW+SHP	DIST	
	SW+SHP	SAW+	SINE	
	SAW+	SAW	LF SIN	
	SAW	LF SAW	SW+SHP	
	LF SAW	SQUARE	SAW+	
	SQUARE	LF SQR	SW+DST	
	LF SQR	WRAP	NONE	
	WRAP	NONE		
	NONE			

Algorithm 12



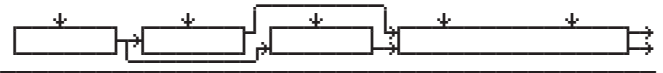
PITCH	LOPASS	LOPASS	LPCLIP	x AMP
	HIPASS	HIPASS	SINE+	+ AMP
	ALPASS	ALPASS	NOISE+	! AMP
	GAIN	GAIN	LOPASS	
	SHAPER	SHAPER	HIPASS	
	DIST	DIST	ALPASS	
	PWM	PWM	GAIN	
	SINE	SINE	SHAPER	
	LF SIN	LF SIN	DIST	
	SW+SHP	SW+SHP	SW+SHP	
	SAW+	SAW+	SAW+	
	SAW	SAW	SW+DST	
	LF SAW	LF SAW	NONE	
	SQUARE	SQUARE		
	LF SQR	LF SQR		
	WRAP	WRAP		
	NONE	NONE		

Algorithm 13



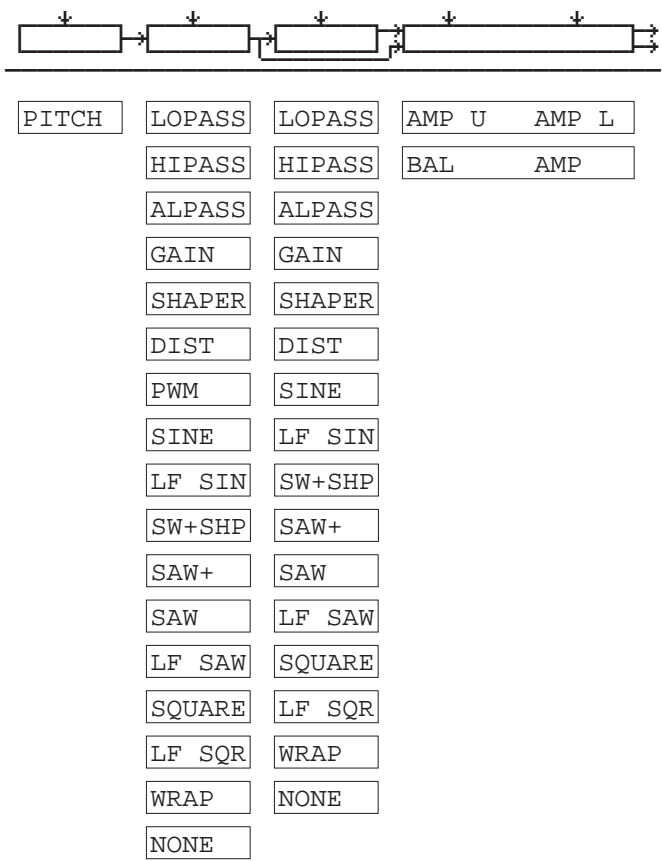
PITCH	LOPASS	LOPASS	PANNER	AMP
	HIPASS	HIPASS		
	ALPASS	ALPASS		
	GAIN	GAIN		
	SHAPER	SHAPER		
	DIST	DIST		
	PWM	SW+SHP		
	SINE	SAW+		
	LF SIN	WRAP		
	SW+SHP	NONE		
	SAW+			
	SAW			
	LF SAW			
	SQUARE			
	LF SQR			
	WRAP			
	NONE			

Algorithm 14

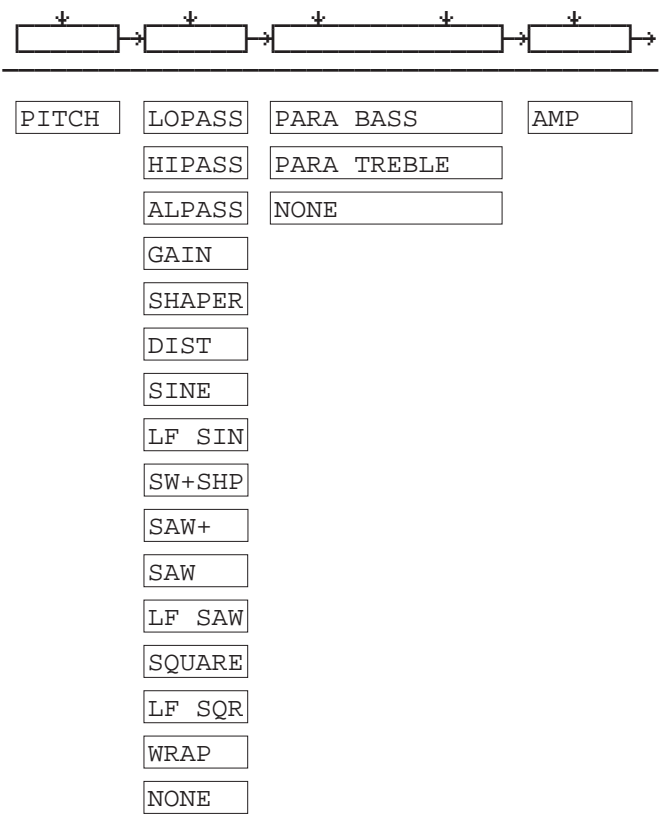


PITCH	LOPASS	LOPASS	AMP U	AMP L
	HIPASS	HIPASS	BAL	AMP
	ALPASS	ALPASS		
	GAIN	GAIN		
	SHAPER	SHAPER		
	DIST	DIST		
	SINE	SINE		
	LF SIN	LF SIN		
	SW+SHP	SW+SHP		
	SAW+	SAW+		
	SAW	SAW		
	LF SAW	LF SAW		
	SQUARE	SQUARE		
	LF SQR	LF SQR		
	WRAP	WRAP		
	NONE	NONE		

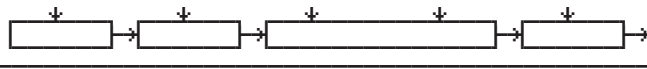
Algorithm 15



Algorithm 16

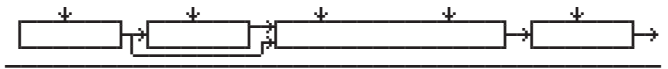


Algorithm 17



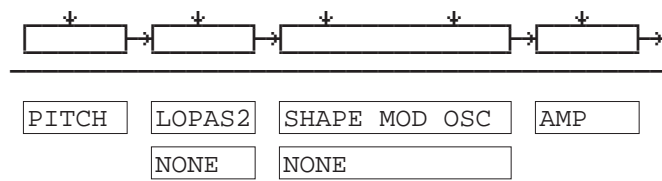
PITCH	LOPASS	SHAPE MOD OSC	AMP
	HIPASS	AMP MOD OSC	
	ALPASS	NONE	
	GAIN		
	SHAPER		
	DIST		
	PWM		
	SINE		
	LF SIN		
	SW+SHP		
	SAW+		
	SAW		
	LF SAW		
	SQUARE		
	LF SQR		
	WRAP		
	NONE		

Algorithm 18

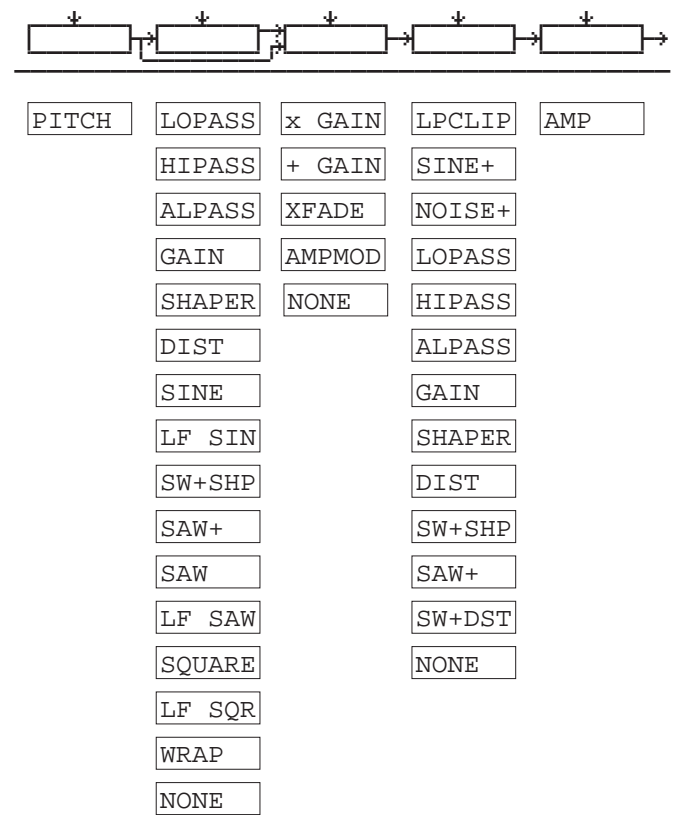


PITCH	LOPASS	x SHAPEMOD OSC	AMP
	HIPASS	+ SHAPEMOD OSC	
	ALPASS	NONE	
	GAIN		
	SHAPER		
	DIST		
	SINE		
	LF SIN		
	SW+SHP		
	SAW+		
	SAW		
	LF SAW		
	SQUARE		
	LF SQR		
	WRAP		
	NONE		

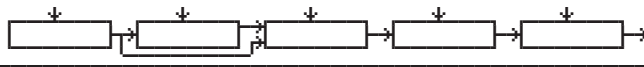
Algorithm 19



Algorithm 20

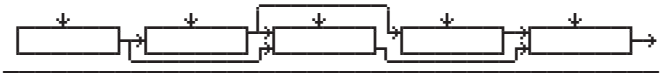


Algorithm 21



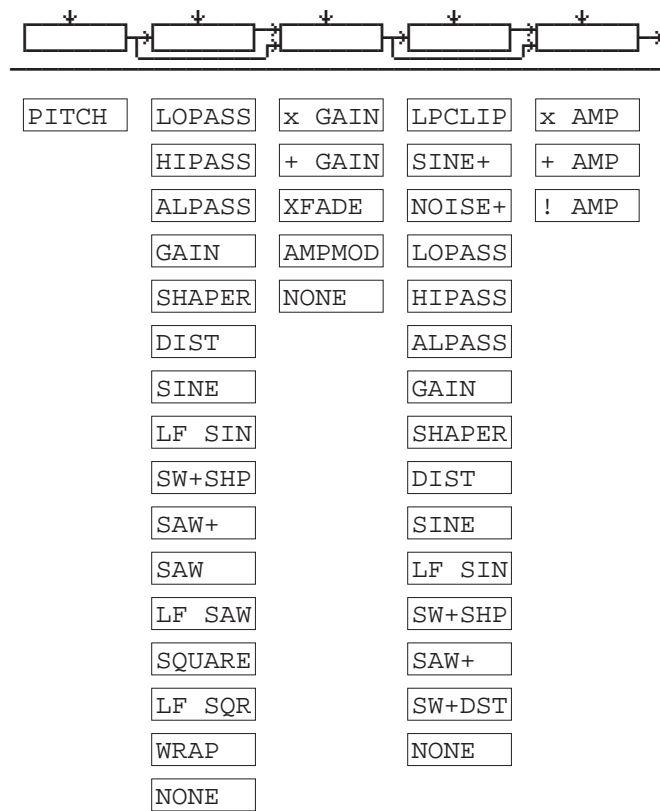
PITCH	LOPASS	x GAIN	LP2RES	AMP
	HIPASS	+ GAIN	SHAPE2	
	ALPASS	XFADE	BAND2	
	GAIN	AMPMOD	NOTCH2	
	SHAPER	NONE	LOPAS2	
	DIST		HIPAS2	
	SINE		LPGATE	
	LF SIN		NONE	
	SW+SHP			
	SAW+			
	SAW			
	LF SAW			
	SQUARE			
	LF SQR			
	WRAP			
	NONE			

Algorithm 22

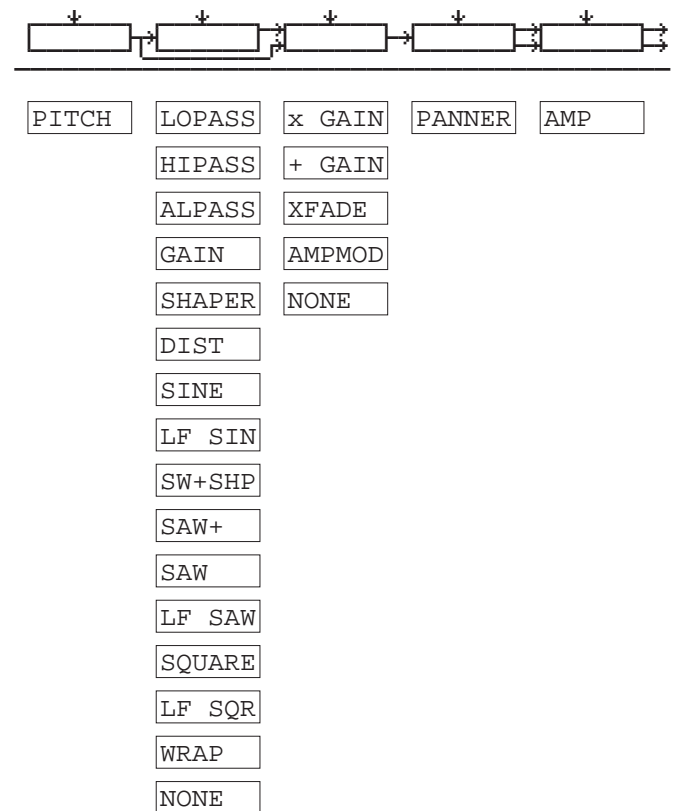


PITCH	LOPASS	x GAIN	LPCLIP	x AMP
	HIPASS	+ GAIN	SINE+	+ AMP
	ALPASS	XFADE	NOISE+	! AMP
	GAIN	AMPMOD	LOPASS	
	SHAPER	NONE	HIPASS	
	DIST		ALPASS	
	SINE		GAIN	
	LF SIN		SHAPER	
	SW+SHP		DIST	
	SAW+		SINE	
	SAW		LF SIN	
	LF SAW		SW+SHP	
	SQUARE		SAW+	
	LF SQR		SW+DST	
	WRAP		NONE	
	NONE			

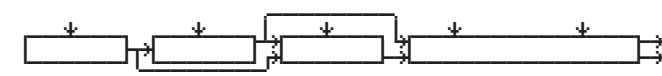
Algorithm 23



Algorithm 24

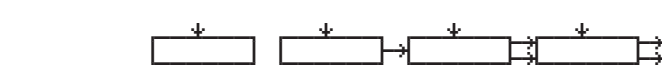


Algorithm 25



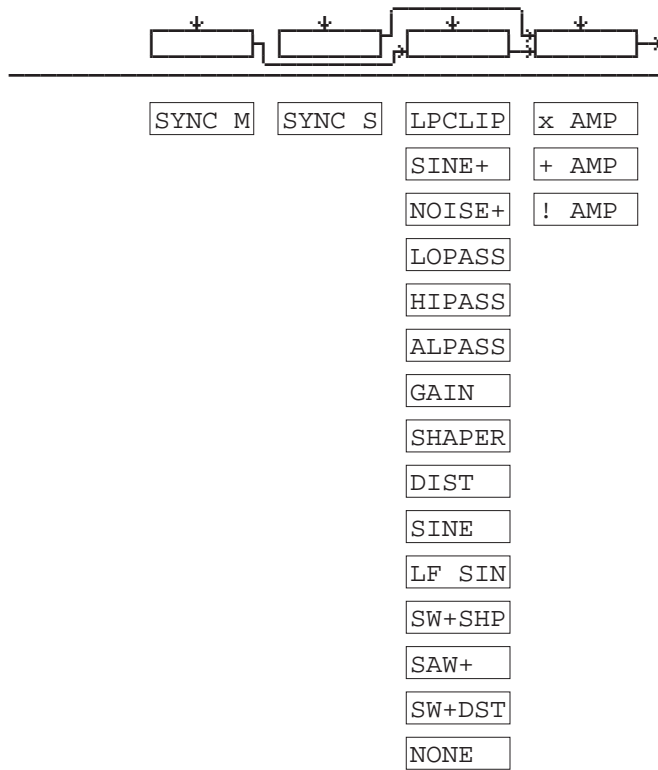
PITCH	LOPASS	x GAIN	AMP U	AMP L
	HIPASS	+ GAIN	BAL	AMP
	ALPASS	XFADE		
	GAIN	AMPMOD		
	SHAPER	NONE		
	DIST			
	SINE			
	LF SIN			
	SW+SHP			
	SAW+			
	SAW			
	LF SAW			
	SQUARE			
	LF SQR			
	WRAP			
	NONE			

Algorithm 26

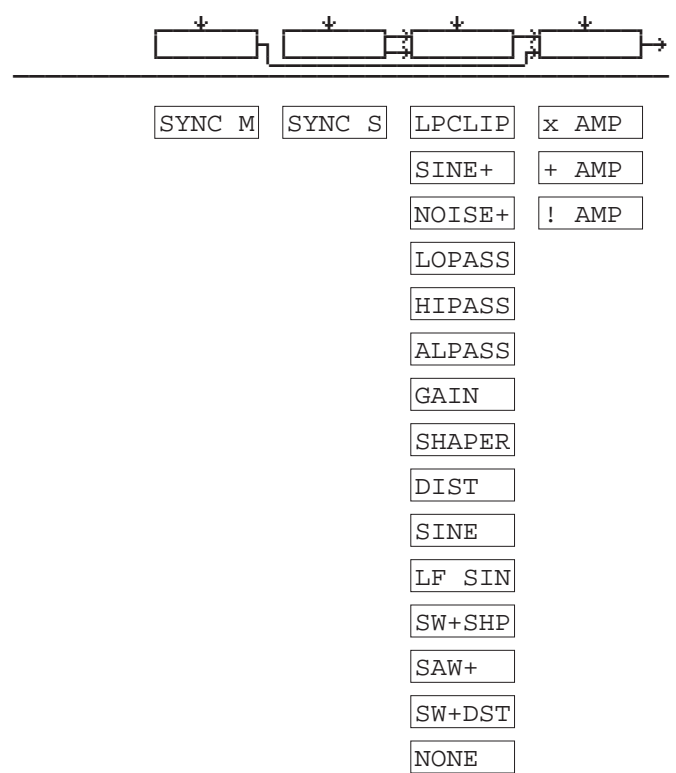


SYNC M	SYNC S	PANNER	AMP
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Algorithm 29



Algorithm 30



Algorithm 31

