

16-Step Quantized Sequencer

1

On

Off

2

On

Off

3

On

Off

4

On

Off

5

On

Off

6

On

Off

7

On

Off

8

On

Off

9

On

Off

10

On

Off

11

On

Off

12

On

Off

13

On

Off

14

On

Off

15

On

Off

16

On

Off

Coarse 1

4

6

7

8

9

10

1

2

3

Coarse 2

4

6

7

8

9

10

1

2

3

Coarse 3

4

6

7

8

9

10

1

2

3

Coarse 4

4

6

7

8

9

10

1

2

3

Coarse 5

4

6

7

8

9

10

1

2

3

Coarse 6

4

6

7

8

9

10

1

2

3

Coarse 7

4

6

7

8

9

10

1

2

3

Coarse 8

4

6

7

8

9

10

1

2

3

Coarse 9

4

6

7

8

9

10

1

2

3

Coarse 10

4

6

7

8

9

10

1

2

3

Coarse 11

4

6

7

8

9

10

1

2

3

Coarse 12

4

6

7

8

9

10

1

2

3

Coarse 13

4

6

7

8

9

10

1

2

3

Coarse 14

4

6

7

8

9

10

1

2

3

Coarse 15

4

6

7

8

9

10

1

2

3

Coarse 16

4

6

7

8

9

10

1

2

3

Fine 1

4

6

7

8

9

10

1

2

3

Fine 2

4

6

7

8

9

10

1

2

3

Fine 3

4

6

7

8

9

10

1

2

3

Fine 4

4

6

7

8

9

10

1

2

3

Fine 5

4

6

7

8

9

10

1

2

3

Fine 6

4

6

7

8

9

10

1

2

3

Fine 7

4

6

7

8

9

10

1

2

3

Fine 8

4

6

7

8

9

10

1

2

3

Fine 9

4

6

7

8

9

10

1

2

3

Fine 10

4

6

7

8

9

10

1

2

3

Fine 11

4

6

7

8

9

10

1

2

3

Fine 12

4

6

7

8

9

10

1

2

3

Fine 13

4

6

7

8

9

10

1

2

3

Fine 14

4

6

7

8

9

10

1

2

3

Fine 15

4

6

7

8

9

10

1

2

3

Fine 16

4

6

7

8

9

10

1

2

3

Duration 1

4

6

7

8

9

10

1

2

3

Duration 2

4

6

7

8

9

10

1

2

3

Duration 3

4

6

7

8

9

10

1

2

3

Duration 4

4

6

7

8

9

10

1

2

3

Duration 5

4

6

7

8

9

10

1

2

3

Duration 6

4

6

7

8

9

10

1

2

3

Duration 7

4

6

7

8

9

10

1

2

3

Duration 8

4

6

7

8

9

10

1

2

3

Duration 9

4

6

7

8

9

10

1

2

3

Duration 10

4

6

7

8

9

10

1

2

3

Duration 11

4

6

7

8

9

10

1

2

3

Duration 12

4

6

7

8

9

10

1

2

3

Duration 13

4

6

7

8

9

10

1

2

3

Duration 14

4

6

7

8

9

10

1

2

3

Duration 15

4

6

7

8

9

10

1

2

3

Duration 16

4

6

7

8

9

10

1

2

3

Step Duration

8

4

2

1

Step Duration (Binary Count + 1)

Master Clock Cycles

Clock Rate

4

6

7

8

9

10

1

2

3

Master

Q-Clock

Master Clock Rate

Q-Clock

Normal

Internal

Clock Source

Clock Out

Ext. Clock In

Ext. Start

Action Step

10

11

12

13

14

15

16

5

6

7

8

9

Action at Step

Stop

Reset

Reverse

None

Use Mode

Random 16

Stop / Run

Reset

Forward

Reverse

Trigger Out 1

Gate Out 1

Trigger Out 2

Gate Out 2

Multi-Gate/Trigger

Normal Gate Trigger

Glide CV Out 1

Glide CV Out 2

Glide

4

6

7

8

9

10

1

2

3

Soundtronics MFOS