

Frequency MHz	Order Code	1+	10+	100+
3.6864	951-0095	234.00	183.00	122.00
8	951-0109	232.00	186.00	129.00
12	951-0117	260.00	198.00	129.00
16	951-0125	260.00	162.00	134.00
20	951-0133	260.00	198.00	129.00
24	951-0141	260.00	198.00	134.00
32	951-0150	262.00	195.00	128.00
40	788-521‡	260.00	198.00	134.00
40	951-0168	260.00	198.00	134.00
50	788-533‡	234.00	183.00	122.00
50	951-0176	234.00	183.00	122.00
64	951-0184	260.00	198.00	134.00

8 pin DIL - Universal Output with Enable/Disable

Pin configurations as above with Pin1 = Enable/Disable.



210693

Frequency MHz	Order Code	1+	10+	100+
8.00	950-9984	280.00	199.00	144.00
10.0	950-9992	280.00	199.00	144.00
20.0	788-223‡	204.00	152.00	114.00
20.0	951-0001	204.00	152.00	114.00
25.0	951-0010	246.00	182.00	132.00
40.0	951-0028	280.00	199.00	144.00
50.0	788-260‡	280.00	199.00	144.00
50.0	951-0036	280.00	199.00	144.00

Single Output Modules

14 pin DIL - Universal Output



Single output oscillators in hermetically sealed 14 pin DIL packages.

Frequency Range MHz	Frequency Stability	Supply Voltage	Supply Current	Rise Time	Fall time	Duty Cycle	Temp. Range
1MHz - 5MHz	100ppm	5V±0.25V	30mA	15ns	15ns	45/55%	0 - + 70°C
5MHz - 16MHz	100ppm	5V±0.25V	30mA	15ns	15ns	45/55%	0 - + 70°C
16MHz - 30MHz	100ppm	5V±0.25V	15mA	10ns	10ns	45/55%	0 - + 70°C
30MHz - 50MHz	100ppm	5V±0.25V	30mA	10ns	10ns	45/55%	0 - + 70°C
50MHz - 66MHz	100ppm	5V±0.25V	40mA	8ns	8ns	45/55%	0 - + 70°C

210849

Frequency MHz	Order Code	1+	25+	50+
1	971-2402	168.00	153.00	137.00
1.8432	112-343‡	281.00	227.00	199.00
1.8432	971-2410	168.00	153.00	137.00
2	971-2429	168.00	153.00	137.00
3.6864	112-367‡	264.00	162.00	103.00
3.6864	971-2437	183.00	166.00	149.00
4.096	971-2445	168.00	153.00	137.00
4.9152	971-2453	168.00	153.00	137.00
5	971-2461	168.00	153.00	137.00
6	971-2666	168.00	153.00	137.00
8	971-2470	168.00	153.00	137.00
9.8304	112-422‡	264.00	182.00	116.00
9.8304	971-2488	168.00	153.00	137.00
10	971-2496	168.00	153.00	137.00
12	971-2500	168.00	153.00	137.00
12.288	971-2518	168.00	153.00	137.00
16	971-2526	168.00	153.00	137.00
18.432	971-2534	168.00	153.00	137.00
19.6608	971-2542	168.00	153.00	137.00
20	971-2550	168.00	153.00	137.00
24	971-2569	168.00	153.00	137.00
25	112-513‡	264.00	182.00	116.00
25	971-2585	168.00	153.00	137.00
30	971-2607	168.00	153.00	137.00
32	121-289‡	267.00	205.00	174.00
30	971-2607	168.00	153.00	137.00
33.33	112-537‡	264.00	182.00	116.00
32	971-2674	168.00	153.00	137.00
33.33	971-2615	168.00	153.00	137.00
40	971-2623	168.00	153.00	137.00
48	971-2631	174.00	159.00	142.00
50	112-562‡	262.00	172.00	123.00
50	971-2640	174.00	159.00	142.00
64	971-2658	195.00	177.00	159.00
66	483-412‡	300.00	187.00	119.00
66	971-3689	189.00	172.00	154.00

Single Output Modules

14 pin DIL - Universal Output

As above (177-410 through to 483-400) with Universal Output (Both TTL and CMOS compatible)



210569

Frequency MHz	Order Code	1+	10+	100+
1.0	950-9798	282.00	197.00	133.00
4.0	950-9704	282.00	197.00	133.00
8.0	950-9712	282.00	197.00	133.00
10.0	950-9720	282.00	197.00	133.00
16.0	950-9739	282.00	197.00	133.00
20.0	571-805‡	282.00	197.00	133.00
20.0	950-9747	282.00	197.00	133.00
25.0	950-9755	282.00	197.00	133.00
32.0	571-829‡	282.00	197.00	133.00
32.0	950-9763	282.00	197.00	133.00
40.0	950-9771	282.00	197.00	133.00
50.0	571-842‡	206.00	151.00	121.00
50.0	950-9780	206.00	151.00	114.00

Single Output Modules

SMD - Tri-state HCMOS (3.3V)



A range of single output oscillators housed in surface mount packages.

Output rise time 6ns
 Output fall time 6ns
 Supply current 15mA (<35MHz), 30mA (35.1 to 70.0MHz), 40mA (70 to 125 MHz)
 Supply voltage 3.3V ± 0.3V
 Duty cycle 45 to 55%
 Temperature stability 50ppm
 Temperature range 0°C to 70°C
 Case Style CFPS-73

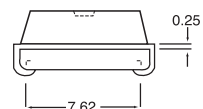
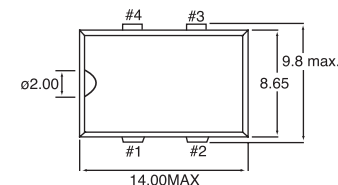
244734

Frequency MHz	Order Code	1+	25+	100+	250+
4	971-3450	249.00	207.00	164.00	124.00
8	971-3468	249.00	207.00	164.00	124.00
10	971-3476	249.00	207.00	164.00	124.00
12	424-5921‡	382.00	302.00	220.00	174.00
12	971-3484	249.00	207.00	164.00	124.00
12.288	971-3492	249.00	207.00	164.00	124.00
14.31818	424-5945‡	382.00	302.00	220.00	174.00
14.31818	971-3506	249.00	207.00	164.00	124.00
16	424-5957‡	382.00	302.00	220.00	174.00
16	971-3514	249.00	207.00	164.00	124.00
16.384	971-3522	249.00	207.00	164.00	124.00
20	971-3530	249.00	207.00	164.00	124.00
24	424-5982‡	382.00	302.00	220.00	174.00
24	971-3549	249.00	207.00	164.00	124.00
32.768	424-5994‡	382.00	302.00	220.00	174.00
32.768	971-3557	261.00	217.00	172.00	130.00
40	971-3565	261.00	217.00	172.00	130.00
50	971-3573	261.00	217.00	172.00	130.00
60	971-3581	273.00	227.00	180.00	136.00
80	424-6032‡	359.00	285.00	277.00	213.00
80	971-3590	342.00	283.00	226.00	171.00
100	424-6044‡	705.00	600.00	485.00	436.00
100	971-3603	627.00	520.00	414.00	313.00
106.25	424-6056‡	705.00	600.00	485.00	436.00
106.25	971-3611	743.00	617.00	490.00	372.00
125	971-3620	1,057.00	877.00	697.00	528.00

Single Output Modules

4 pin SMD - TTL Output

SEIKO EPSON



Pin 1 = OE
 Pin 2 = GND
 Pin 3 = OUTPUT
 Pin 4 = +5V ±10%

These single output oscillators are housed in a surface mount package. The device has an Output Enable function and has low current consumption.

Output rise time	4 to 24MHz	32 to 50MHz
Output fall time	8ns	5ns
Supply current	8ns	5ns
Output load	23mA	35mA
Temperature range	10TTL (50pF)	5TTL (50pF)
Duty cycle	-10°C to 70°C	-10°C to 70°C
Mfrs. List No.	40 to 60%	40 to 60%
	SG615P + Frequency in MHz	

Semiconductors - Integrated Circuits

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Compliant Non-compliant + Limited stock - RoHS replacement available

RoHS