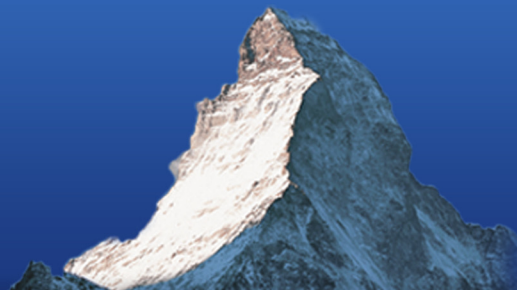




"PEAK PERFORMANCE MICROWAVE SOURCES"

SIVERS IMA IS A LEADING INDEPENDENT MANUFACTURER OF ADVANCED TUNABLE
MICROWAVE OSCILLATOR PRODUCTS



Product Selection Guide June 30 2009

ISO 9001:2000 Certified
Registration #2002-SKM-AQ-1752

For detailed specification see our web site www.siversima.com

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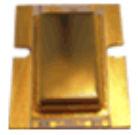
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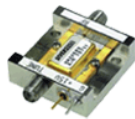


Ultra Wide Band VCOs Drop in versions



Product number	Frequency	Out put Power
VO3260S/00	3.0-5.0 GHz	14-19 dBm
VO3260C/00	5.0-8.4 GHz	14-19 dBm
VO3260X/00	8.4-13.5 GHz	14-19 dBm
VO3260P/00	13.5-20.0 GHz	14-19 dBm
VO3260K/00	20.0-24.0 GHz	14-19 dBm
VO3262S/00	3.0-5.0 GHz	21-28 dBm
VO3262C/00	5.0-8.4 GHz	21-28 dBm
VO3262X/00	8.4-13.5 GHz	21-28 dBm
VO3262P/00	'13.5-20.0 GHz	21-28 dBm
VO3262K/00	20.0-24.0 GHz	21-28 dBm

SMA adapter available.



Mini Ultra Wide Band VCOs Drop in versions



Drop in

Product number	Frequency	Out put Power
VO3280S/00	3.0-5.0 GHz	14-19 dBm
VO3280C/00	5.0-8.4 GHz	14-19 dBm
VO3280X/00	8.4-13.5 GHz	14-19 dBm
VO3280P/00	13.5-20.0 GHz	14-19 dBm



Mini Ultra Wide Band VCOs in SMA House radiation protection



In SMA house

Product number	Frequency	Out put Power
VO4280S/00	3.0-5.0 GHz	14-19 dBm
VO4280C/00	5.0-8.4 GHz	14-19 dBm
VO4280X/00	8.4-13.5 GHz	14-19 dBm
VO4280P/00	13.5-20.0 GHz	14-19 dBm

All VCO can be tailored to customer needs

Phase Locked VCO/PLL. 2-20 GHz.

Below some examples.

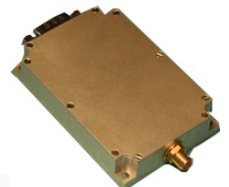
Frequency Power	Phase Noise	Out Put
2	-130dBc@100kHz	3-17 dBm
4	-124dBc@100kHz	3-17 dBm
10	-115dBc@100kHz	3-17 dBm



Microwave Frequency Synthesizers. 6-20 GHz.

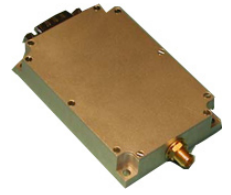
Below some examples

Product number	Frequency	Out put Power
8.0-9.0 GHz	-100dBc/Hz@100kHz	+8 dBm
10.0-11.0 GHz	100dBc/Hz@100kHz	+8 dBm
14.3-15.4 GHz	-90dBc/Hz@100kHz	+8 dBm





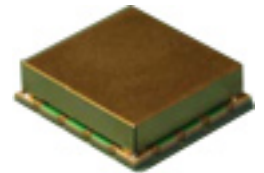
DDS-based Microwave Frequency Synthesizers. 1-20 GHz.



Below some examples

Frequency	Phase Noise	Out Put Power
5.4-6.0 GHz	-119dBc/Hz@100kHz	+8-10 dBm
10.8-12.0 GHz	-113dBc/Hz@100kHz	+8-17 dBm
16.8-18.4 GHz	-109dBc/Hz@100kHz	+8-17 dBm

SMT Microwave Frequency Synthesizers. 1-6 GHz



Below some examples

Frequency	Phase Noise	Tuning Band Width
2	-130dBc/Hz@100kHz	2%
2	-120dBc/Hz@100kHz	10%
4	-120dBc/Hz@100kHz	2%

FMCW Sensor Front Ends, Synthesized version



Product number	Frequency	Band Width
RS3400X/00	10 GHz	1500 MHz

Evaluation board is available

FMCW Front Ends



Product number	Frequency	Band Width
SU7626X/02	10 GHz	1700 MHz
SU7636K/02	24 GHz	1500 MHz



Millimeter Wave Products



Product number	Frequency	Description
FC1001V/00	60 GHz	Up and Down Converter

Designed to your specification

For Customer specific applications Siverts IMA offers all steps from development, product engineering to manufacturing.

Siverts IMA also offers microwave product engineering and manufacturing of prototypes and small series of products developed by the customer