

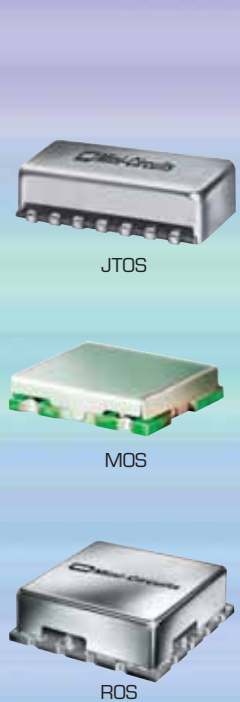
Voltage Controlled Oscillators

Surface Mount



5V Tuning For PLL IC's 24 to 2600 MHz

Model No.	Freq. (MHz)		Power Output (dBm)	Phase Noise (dBc/Hz) SSB@ offset frequencies: Typ.				Pulling (MHz) pk-pk @12dB _r	Pushing (MHz/V)	Tuning Sensitivity (MHz/V)	Harmonics (dBc)		3 dB Mod. Bandwidth (kHz) Typ.	Power Supply		Case Style	Connection
	Min.	Max.		1 kHz	10 kHz	100 kHz	1 MHz				Typ.	Typ.		Typ.	Typ.		
JTOS-50P	24-29		+9.5	-88	-108	-127	-147	0.06	0.04	2-2.5	-14	-12	50	12	20	BK377	jc
JTOS-75P	35-43		+9	-89	-110	-130	-140	0.15	0.11	2.5-4	-25	-20	125	12	20	BK377	jc
JTOS-100P	48-59		+9	-83	-108	-128	-140	0.6	0.2	3.5-4	-30	-20	100	12	18	BK377	jc
JTOS-150P	72-91		+9.5	-82	-106	-127	-147	0.8	0.3	6-9	-30	-17	112	12	20	BK377	jc
JTOS-200P	95-120		+8.8	-84	-105	-124	-145	1.0	0.2	7-10	-30	-20	110	12	20	BK377	jc
JTOS-300P	148-174		+10	-82	-102	-122	-142	1.0	0.2	10-14	-27	-20	120	12	20	BK377	jc
JTOS-400P	194-220		+11	-82	-102	-122	-142	1.4	0.4	13-18	-25	-20	130	12	20	BK377	jc
JTOS-535P	278-325		+9.5	-75	-97	-117	-137	2.0	0.5	17-22	-30	-20	115	12	20	BK377	jc
JTOS-765P	486-510		+9	-75	-98	-118	-138	2.0	0.5	20-30	-30	-20	100	12	20	BK377	jc
JTOS-1025P	680-755		+9	-70	-94	-114	-134	5.0	0.6	30-40	-27	-20	100	12	22	BK377	jc
JTOS-3000P	2300-2600		+11	-65	-92	-112	-132	50.0	5.0	120-160	-22	-12	20000	5	25	BK377	jc
MOS-1826PV	1766-1826		+2	-75	-101	-122	-142	8.0	1.0	21-35	-28	-15	10000	5	25	CZ682	my
ROS-205PV	180-210		+2	-88	-110	-131	-151	0.4	0.4	10-15	-30	-20	2000	5	15	CK605	kg
ROS-285PV	245-285		+3	-80	-100	-120	-140	2.0	0.2	10-20	-20	-10	100	5	20	CK605	kg
ROS-550PV	450-550		+6	-81	-104	-124	-144	3.0	0.5	30-60	-15	-	8000	5	15	CK605	kg
ROS-660PV	640-660		0	-85	-107	-127	-147	0.8	0.6	10-14	-17	-12	2000	5	15	CK605	kg
ROS-675PV	655-675		0	-85	-107	-127	-145	1.0	0.5	10-14	-23	-10	5000	5	15	CK605	kg
ROS-725PV	710-725		0	-85	-105	-126	-145	0.9	0.3	8-13	-19	-12	2000	5	15	CK605	kg
ROS-740PV	720-740		0	-84	-106	-126	-145	1.0	0.8	10-14	-16	-10	5000	5	15	CK605	kg
ROS-900PV	810-900		+1	-80	-102	-122	-142	3.0	2.0	26-30	-25	-16	1000	4.5	12	CK605	kg
ROS-960PV	890-960		0	-80	-102	-122	-142	2.0	0.2	25-28	-27	-18	1000	5	12	CK605	kg
ROS-1000PV	900-1000		+6	-80	-104	-124	-144	2.0	0.7	27-38	-33	-20	1000	5	22	CK605	kg
ROS-1435PV	1375-1435		+3	-78	-101	-121	-141	.0	1.7	20-30	-26	-18	5000	5	20	CK605	kg
ROS-1600PV	1520-1600		+7	-75	-100	-120	-140	10.0	3.0	25-38	-26	-16	1000	5	25	CK605	kg
ROS-1605PV	1500-1605		0	-74	-98	-118	-138	6.0	0.8	40-50	-17	-8	8000	3.3	16	CK605	kg



Tuning Voltage to cover Frequency Range 0.5V to 5V

see suggested PCB layouts: PL-005 for JTOS models, PL-023 for MOS models, PL-012 for ROS models



Mini-Circuits verfügt über ein umfangreiches Spektrum verschiedenster Ausführungen.

Nennen Sie uns Ihre Anforderungen! und nutzen Sie dazu die entsprechende Spezifikations-Checkliste im Anhang.



Connectorized VCOs

50 to 2650MHz

Series Model No.	Freq. (MHz) Min. Max.	P _{OUT} (dBm) Typ.	Phase Noise* Typ.	V _{TUNE} (V) Max.	Harmonics (dB) Typ.	Current (mA) Max.
ZX95-100	50 - 100	10.0	-110	17	-33	20
ZX95-200	100 - 200	10.0	-106	17	-30	20
ZX95-400	200 - 380	10.0	-104	17	-25	21
ZX95-535	300 - 520	6.0	-101	17	-25	21
ZX95-765	485 - 765	8.0	-98	16	-35	22
ZX95-1200W	612 - 1200	10.0	-96	18	-16	30
ZX95-1410	850 - 1410	8.0	-101	11	-17	30
ZX95-1600W	800 - 1600	9.0	-99	24	-22	35
ZX95-1700W	770 - 1700	9.0	-100	24	-25	35
ZX95-1900V	1450 - 1900	8.0	-104	20	-20	25
ZX95-2150W	970 - 2150	4.0	-99	25	-22	26
ZX95-2500	1600 - 2500	7.5	-91	14	-17	28
ZX95-2650	2165 - 2650	5.0	-101	19	-12	25

*Phase Noise: SSB at 10kHz offset, dBc/Hz.

