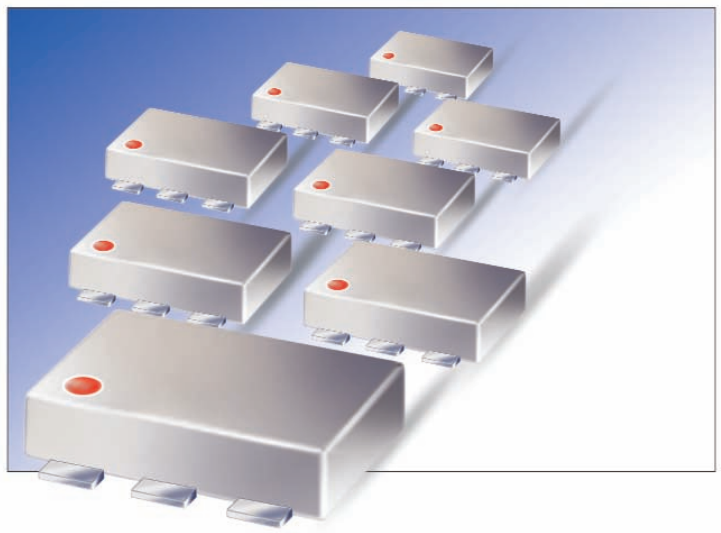
FREQUENCY MIXERS

Designer's Kit K1-ADE+

MINI-CIRCUITS DESIGNER'S KITS
SPEED UP
THE SOLUTION!



2 to 4000 MHz

ADE+ Features

- Wide bandwidth
- Low conversion loss, 6 dB
- High L-R isolation, up to 60 dB typ.
- Large selection of models, LO level 3, 4, 7, 13,17
- Low profile, 0.11"
- Very low cost

All models are RoHS compliant

only $99.95 ea. kit (8 models, 5 of each, 40 total)

Kit K1-ADE+ Electrical specifications of each model

Model	LO Level (dBm)	Frequency (MHz)		Conversion Loss (dB)			RF In @ 1 dB Compr. (dBm)	IP3 (dBm)	LO-RF Isolation (dB)	LO-IF Isolation (dB)
		LO/RF	IF	Typ.	σ	Max.	Typ.	Typ.	Typ.	Typ.
ADE-1L+	3.0	2-500	DC-500	5.2	0.1	8.0	0	16	55	45
ADEX-10L+	4.0	10-1000	DC-800	7.2	0.1	8.8	1.0	16	60	33
ADE-2+	7.0	5.0-1000	DC-1000	6.67	0.26	9.5	1.0	20	47	45
ADE-18W+	7.0	1750-3500	DC-700	5.4	0.30	8.9	1.0	11	33	12
ADE-30W+	7.0	300-4000	DC-950	6.8	0.20	9.8	1.0	12	35	16
ADE-35MH+	13	5.0-3500	5.0-2500	6.9	0.10	10.5	9	18	33	28
ADE-17H+	17	100-1700	50-1500	7.2	0.10	9.5	14	25	35	32
ADEX-10H+	17	10-1000	DC-800	7.0	0.10	9.5	14	22	55	32

Protected under U.S. Patent 6,133,525 ADEX models additional U.S. Patent 6, 947, 717

Mini-Circuits®
ISO 9001 ISO 14001 CERTIFIED
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M108650
K1-ADE+