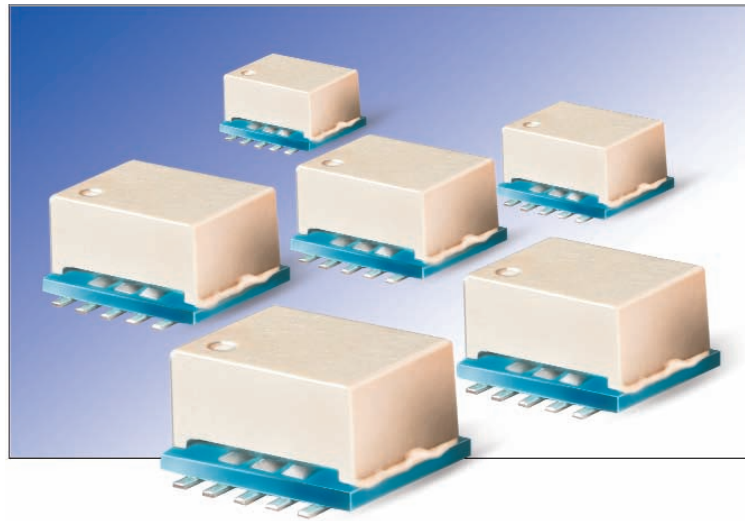


# FREQUENCY MIXERS

## Designer's Kit K1-MCA+

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



### 500 to 5000MHz

#### MCA+ Features

- Triple balanced, wide bandwidth
- Excellent isolation, 30dB
- Large selection of models, LO levels 10, 13 and 17dBm
- Low conversion loss, 7dB
- Very good matching, 2:1 VSWR typ.
- Small size 0.25"x0.3"x0.19"



All models are  
RoHS compliant

**\$79<sup>95</sup>**  
 only *ea. kit (6 models, 5 of each, 30 total)*

**Kit K1-MCA+** Electrical specifications of each model

Model	LO Level (dBm)	Frequency (MHz)		Conversion Loss (dB)	RF In @1dB Compr. (dBm)	IP3 (dBm)	LO-RF Isolation (dB)	LO-IF Isolation
		LO/RF	IF					
MCA-35LH+	10.0	500-3500	10-1500	6.9	6.0	16	32	30
MCA-50LH+	10.0	1000-5000	10-1500	7.3	6.0	18	35	32
MCA-35MH+	13.0	500-3500	10-1500	6.9	9.0	20	29	29
MCA-50MH+	13.0	1000-5000	10-1500	7.3	9.0	21	34	30
MCA-35H+	17.0	500-3500	10-1500	6.9	14.0	24	30	30
MCA-50H+	17.0	1000-5000	10-1500	7.3	14.0	23	30	30

Protected under U.S. Patent 6,917,796



P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 Fax (718) 332-4661 For quick access to product information see MINI-CIRCUITS CATALOG & WEB SITE

**RF/IF MICROWAVE COMPONENTS**

REV. OR  
M108651  
K1-MCA+