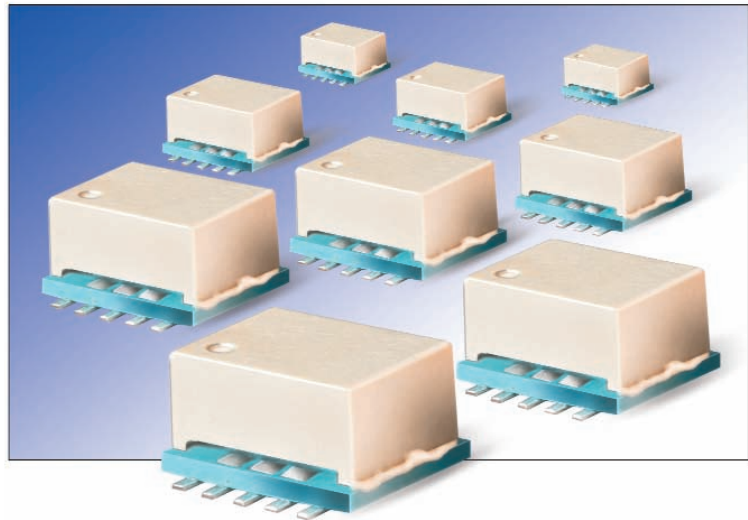


# FREQUENCY MIXERS

## Designer's Kit K2-MCA+

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



### 1760 to 3600 MHz

#### MCA+ Features

- High IP3, to +35 dBm
- Excellent L-R isolation, to 44 dB typ.
- Large selection of models, LO levels 10, 13 & 17dBm
- Low conversion loss, 7 dB
- Small size, (L) 0.25"x(W) 0.3"x(H) 0.19"
- Low cost



All models are  
RoHS compliant

**\$99<sup>95</sup>**  
 only *ea. kit (9 models, 2 of each, 18 total)*

**Kit K2-MCA+** Electrical specifications of each model

Model	LO Level (dBm)	Frequency (MHz)			Conversion Loss (dB)	RF In @1 dB Compr. (dBm)	IP3 (dBm) (dB)	LO-RF Isolation (dB)	LO-IF Isolation
		LO	RF	IF					
MCA-19FLH+	10.0	1760-1820	1850-1910	70-130	6.9	10.0	25	40	39
MCA-30FLH+	10.0	2780-2880	2960-3060	130-230	7.5	10.0	25	35	27
MCA-36FLH+	10.0	3070-3170	3500-3600	380-480	8.4	10.0	25	40	28
MCA-19FMH+	13.0	1760-1820	1850-1910	70-130	6.9	13.0	30	40	39
MCA-30FMH+	13.0	2780-2880	2960-3060	130-230	7.4	13.0	30	35	27
MCA-36FMH+	13.0	3070-3170	3500-3600	360-480	8.3	13.0	30	42	27
MCA-19FH+	17.0	1760-1820	1850-1910	70-130	6.9	17.0	35	40	39
MCA-30FH+	17.0	2780-2880	2960-3060	130-230	7.4	17.0	34	37	27
MCA-36FH+	17.0	3070-3170	3500-3600	380-480	8.3	17.0	33	44	29

Protected under U.S. Patent 6,959,180



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  
M108653  
K2-MCA+