Upconverters

Communications & Power Industries Upconverters

FEATURES/OPTIONS:
• Single or dual-conversion radar upconverter
• Couplers for test injection and output samples
• Switched IF and RF filters
• Auxiliary outputs for built-in-test

PERFORMANCE CHARACTERISTICS:
• High spurious rejection greater than 80 dBC (see Spectral Mask plot)
• Adjustable filter bandwidth: 20 MHz – 1 GHz
• Gain control greater than 40 dB
• RF gating greater than 70 dB

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We have the ability to integrate your upconverter into a larger assembly.

Typical upconverter block diagram

Upconverter spectral mask

Ask us about designing a complete subsystem for you today.

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For more detailed information, please refer to the corresponding CPI technical description if one has been published, or contact CPI. Specifications may change without notice as a result of additional data or product refinement. Please contact CPI before using this information for system design.

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