







G7A05 G7A04





G7A06 G7A07 G7A01

G7A06 G7A07 G7A01

Yes
Yes
9

One type of full-wave rectifier circuit uses two diodes and a center-tapped transformer.
Image: Content of the content of the



G7A03

G7A08 G7A02









G7A13

G7A11





Basic Digital Circuitry	
A two-input AND gate has an <i>output that is high</i> only when both inputs are high.	INPUT OUTPUT A B A • B 0 0 0 0 1 0 1 1 1
A two-input OR gate has an output that is high only when either or both inputs are high.	INPUT OUTPUT A B A+B 0 0 0 0 1 1 1 0 1 1 1 1
A two-input NOR gate has an <i>output that is low</i> when either or both inputs are high.	INPUT OUTPUT A B $\overline{A + B}$ 0 0 1 0 1 0 1 0 0 1 0 0
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	7	6	5	Shift R 4	egister 3	2	1	0	-	

G7B06

G7A10





G7B09 G7B07





G7B02 G7B11





G7C02

G7C01

G7B08 G7B01

The balanced modulator also generally removes the carrier, and leaves a double sideband carrier suppressed AM signal.











G7C04

G7C07

G7C08





Was a question before 2019. Keep for prelude to SDR radios.





G7C11

G7C09 G7C10 Quadrature refers to anything mathematical that involves a quarter circle, in this case the 90 degree phase shift between the two local oscillators.



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63 Filters The bandwidth of a band-pass filter is measured between the upper and lower half-power frequencies. A filter's maximum ability to reject signals outside its passband is specified as its ultimate rejection. A filter's attenuation (loss) inside its passband is its insertion loss.

G7C05 G7G16

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G7C14 G7C13 G7C15



