

## 1. 700 MHz Drop-In Circulators

Renaissance has recently developed a 700 MHz drop-in circulator with outstanding linear performance for LTE requirements. This device delivers better than -100 dBc IMD for two tone 0.25 watt power levels. In addition, Renaissance is offering this circulator with a 13% BW in a compact 1.25 inch square cost effective package. Renaissance continues to provide the cellular infrastructure community with solutions to their most difficult design challenges and has already begun working on new designs for anticipated upcoming requirements at 2.1 GHz to support our customers.

Frequency Range	700 - 800 MHz
Isolation	20 dB
Insertion loss	0.5 dB
VSWR	1.35:1
Power	10 Watts Avg, 100 Watts Peak
3 <sup>rd</sup> IMD	-120 dBc for 2 tone of 25.5 dBm each
Temperature	-30 to 70 C



For more information please contact Renaissance Sales at 978-772-7774, [sales@rec-usa.com](mailto:sales@rec-usa.com) or HXI Sales at 978-521-7321, [sales@hxi.com](mailto:sales@hxi.com).

2. Renaissance/HXI is Excited to Announce our New Integrated Assemblies Brochure is ready for

Nov/Dec Wireless  
Edge Newsletter  
2009

[700 MHz Drop-In  
Circulator](#)

[Integrated  
Assemblies Brochure](#)



## download!

Renaissance Electronics Corporation is excited to announce our new ***RF, Microwave and Millimeter Wave Integrated Assemblies*** Brochure is available for distribution.

Renaissance/HXI is a turnkey solution provider of quality RF, Microwave and Millimeter Wave products. We provide optimized cost and performance solutions for all RF, Microwave and Millimeter Wave based components, sub-assemblies, integrated assemblies, and sub-systems. Our latest brochure shows our capabilities in partnering and manufacturing build-to-print integrated products assuring cost effective solutions.

Call Renaissance Sales at 978-772-7774 for a hard copy of our latest catalog or download a copy at [www.rec-usa.com](http://www.rec-usa.com) or [www.hxi.com/prodserve/custom.php](http://www.hxi.com/prodserve/custom.php).

**For more information please contact Renaissance Sales at 978-772-7774, [sales@rec-usa.com](mailto:sales@rec-usa.com) or HXI Sales at 978-521-7321, [sales@hxi.com](mailto:sales@hxi.com).**