



## NEW PRODUCT RELEASE

### NEW PHASE LOCK LOOP VCO OFFERS R & D COST SAVINGS

Raltron Electronics Corp., Miami, FL has just released their new PCC-A1-3100 PLL family of VCO's covering a frequency range of between 500MHz and 3.5GHz.

Raltron's new product family will be particularly useful for Base Stations, Point to Point, Point to Multi-Point transmissions, Broadband Wireless Access, WiMax and RFID applications.



The unit consists of a PLL IC loop filter and VCO. It uses an internal frequency reference that typically is 10MHz but could also be specified at different values by the customer. Cost savings evolve when the design, which includes the PLL IC, eliminates lengthy programming time, which would otherwise be part of the normal discrete components R & D cycle.

Key specifications for a 3100MHz unit show typical operating supply voltage at 5.0V @ 70mA. Phase noise at 1kHz is -65db/cHz within a temperature range of from -30 to +70°C. Low phase noise in a compact package of only 25.4x31.75x5.08mm makes these units an ideal choice for new design and retrofit needs.

Sample availability is at a 6 weeks turnaround with quantities currently quoted at \$23.00 each in lots of 1000 pieces with a 6 – 8 week delivery ARO. For sample requests, technical specification data and specific pricing and delivery information, contact the nearest Raltron office or visit our web site or call direct to:

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Founded in 1983, Raltron offers a broad range of crystal units and crystal based oscillators, including VCXO, TCXO and OCXO and other frequency control products produced in state of the art manufacturing facilities in Miami, FL and throughout Asia. Raltron products are sold globally via a network of company sales offices, independent sales representatives, and distributors

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