12-bit signed output data samples

32-bit p ase accumulator !tuning word"

P ase resolution of 2#/2[12]

$re%uenc& resolution of $s/2[32] !$s ' sample fre%uenc&"

( )* d+ , ignal-to-Noise Ratio ! , NR"

( )* d+ , purious $ree -&namic Range ! , $-R"

[illegible] N/ CO , / , %uare and , awtoot output waveforms

2 cloc0-c&cle latenc&

, ample rates of 1** 2 345[1]

- igital oscillators

- igital modulation

- igital up/down conversion

6 eneration of 7 uadrature !Comple8" signals

9 ersatile waveform generation

cl0	in	, ample cloc0	rising edge
reset	in	: s&nc ronous reset	low
en	in	Cloc0-enable	ig
[illegible]		P ase increment as an unsigned 32-bit number !controls fre%uenc& of	

: ll source files are provided as te8t files coded in 9 3 - I . D e following