

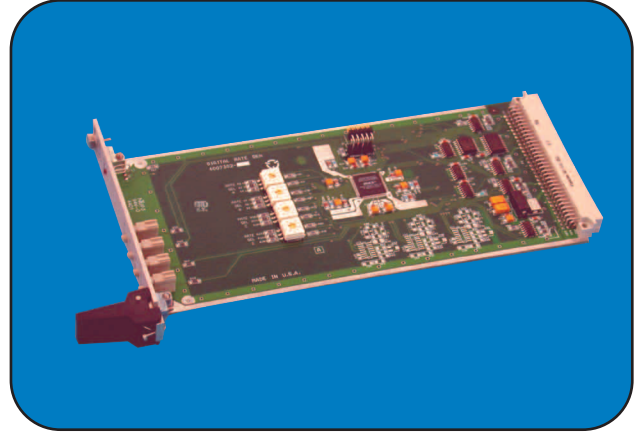
Time and Frequency Digital Rate Generator for Models 9100 & 9300 Model: 9114-1



Application - Defense (Military) ■ SatCom ■ Wireless

Description:

This module generates four switch programmable rate outputs capable of driving 50Ω loads with <15 nanosecond rise and fall times. Programming is from four switches located on the PCB assembly. Rates and switch locations are listed in the following table.



Specifications:

Logic Levels: ZERO 0.2 ± 0.2 Vdc
 ONE 4.0 ± 0.5 Vdc

Drive: 50 Ω

Rise Time: <15 Nanoseconds

Fall Time: <15 Nanoseconds

S1 - S4		
Position	Frequency	Pulse Width
0	5 MPPS	SQ Wave
1	2.5 MPPS	SQ Wave
2	1 MPPS	SQ Wave
3	100 KPPS	1 μs
4	10 KPPS	1 μs
5	1 KPPS	100 μs
6	100 PPS	10 μs
7	50 PPS	10 μs
8	25 PPS	10 ms
9	10 PPS	10 μs

Specifications subject to change without notice.