Дискретные линии задержки (кристаллы)

Type \ Parameter	Frequency (GHz)	Digit (bit)	Insertion loss (dB)	VSWRin	VSWRou	Step time (ps)	Max delay time (ps)	Control voltage (V)
new NC12111C-106	0.5-6	6	≤12	1.5*	1.5*	12.019*	757.2	0/-5
new NC12107C-107	0.5-7	6	≤14	1.5*	1.5*	14*	882	0/-5
NC1282C-218	2-18	6	≤22	≤2.5	≤3.0	5*	315	0/-5
NC1281C-812	8-12	1	≤6	≤1.6	≤1.6	400*	400	0/-5
NC1287C-812	8-12	1	≤3	≤1.65	≤1.65	100*	100	0/-5
NC1287C-812PD	8-12	1	≤3	≤1.65	≤1.65	100*	100	PD TTL
NC1293C-812A	8-12	Fixed	≤2.1	≤1.5	≤1.5	-	100	-
NC1293C-812B	8-12	Fixed	≤3.4	≤1.5	≤1.5	-	200	-
new NC12121C-812PD	8-12	2	7*	1.6*	1.6*	105*	315	PD TTL
NC1280C-812	8-12	3	≤13	1.6*	1.6*	100*	700	0/-5
NC1283C-910	9-10	6	≤7	≤1.6	≤1.6	1.625*	102.5	0/-5
new NC1299C-1418PD	14-18	2	≤8	≤1.5	≤1.5	62.5*	187.5	PD TTL

Note: *: Typical specification; PD: Parallel drive; All chips above could be provided by the modality of in packages or modules.

Векторные модуляторы (кристаллы)

Parameter \ Type	Type	Frequency (GHz)	Insertion loss (dB)	RMS error (°)	VSWRin	VSWRout	Amplitude variation (dB)	Control voltage (V)
NC1275C-2123	Single-Balanced	21-23	14*	6*	1.6*	1.6*	±1*	0/-1
NC1296C-4346	Single-Balanced	43-46	14*	6*	2.2*	2.2*	±1*	0/-1

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