

CLOCK PROCESSORS & SIGNAL GENERATORS

	Function ↑	Freq (min) ↑	Freq (max) ↑	Power ↑	Package ↑
	ASNT8050-PQB Programmable PLL w/ Integrated VCOs	Freq (min):7.4 GHz / 10.8 GHz	Freq (max):8.8 GHz / 12.7GHz	Power:630 mW	Package:40-pin QFN
	ASNT8051-PQB Programmable PLL w/ Integrated VCOs	Freq (min):9.9 GHz / 11 GHz	Freq (max):12.1 GHz / 12.9GHz	Power:570 mW	Package:40-pin QFN
	ASNT8052-PQB Programmable PLL w/ Integrated VCOs	Freq (min):11.0 GHz / 13 GHz	Freq (max):13.3 GHz / 14.4 GHz	Power:585 mW	Package:40-pin QFN
	ASNT8151-KMC Programmable Low Phase Noise, less than 290fs jitter PLL with Integrated VCOs	Freq (min):24.0 GHz	Freq (max):32.1 GHz	Power:450-530 mW	Package:24-pin CQFP
	ASNT8111A-PQB (CLOCK DIVIDER) Programmable Integer Divider with SPI	Freq (min):DC	Freq (max):24 GHz	Power:2600 - 3500 mW	Package:40-pin QFN
	ASNT8110A-PQB (CLOCK DIVIDER) Programmable Integer Divider with SPI	Freq (min):DC	Freq (max):24 GHz	Power:2600 - 3500 mW	Package:40-pin QFN
	ASNT8111-PQB Programmable Integer Divider	Freq (min):DC	Freq (max):24 GHz	Power:2030 - 3150 mW	Package:40-pin QFN
	ASNT8110-PQB Programmable Integer Divider	Freq (min):DC	Freq (max):24 GHz	Power:2030 - 3150 mW	Package:40-pin QFN
	ASNT8143-KMC PRBS9/PRBS10 Generator (x^9+x^4+1 and $x^{10}+x^7+1$) Polynomials	Freq (min):DC	Freq (max):24 Gbps	Power:805 mW	Package:24-pin CQFP
	ASNT8142-KMC PRBS7/PRBS15 Generator (x^7+x^6+1 and $x^{15}+x^{14}+1$) Polynomials	Freq (min):DC	Freq (max):23 Gbps	Power:740 mW	Package:24-pin CQFP
	ASNT8141-KMC PRBS7 Generator w/ (x^7+x^6+1) Polynomial	Freq (min):DC	Freq (max):23 Gbps	Power:530 mW	Package:24-pin CQFP
	ASNT6102-KMF PAM4 Signal Generator / Encoder	Freq (min):1 Gbps	Freq (max):36 Gbps	Power:4000 mW	Package:64-pin CQFP
	ASNT6101-KMM PAM4 Signal Generator / Encoder	Freq (min):2 Gbps	Freq (max):53 Gbps	Power:1250 mW	Package:44-pin CQFP
	ASNT8121-KMC Linear Phase Detector	Freq (min):DC	Freq (max):34 Gbps	Power:895 mW	Package:24-pin CQFP
	ASNT8130-KMC High-Sensitivity Clock Divider-by-2 / by-4	Freq (min):DC	Freq (max):36 GHz	Power:260 mW	Package:24-pin CQFP
	ASNT8131-KMC High-Sensitivity Clock Divider-by-2 / by-4	Freq (min):DC	Freq (max):32 GHz	Power:315 mW	Package:24-pin CQFP



[ASNT5141A-KMC](#)

Frequency Doubler

Freq (min):10 GHz Freq (max):35 GHz Power:545 mW

Package:24-pin CQFP



[ASNT5141-KMC](#)

Frequency Doubler

Freq (min):4 GHz Freq (max):30 GHz Power:545 mW

Package:24-pin CQFP



[ASNT8132-KMC](#)

Broadband Clock Divider-by-2

Freq (min):DC Freq (max):54 GHz Power:630 mW

Package:24-pin CQFP



[ASNT8132-MOD](#)

Broadband Clock Divider-by-2

Freq (min):DC Freq (max):54 GHz Power:630 mW

Package:Module



[ASNT8131-PQC](#)

Broadband Clock Divider by-2 / by-4

Freq (min):DC Freq (max):32 GHz Power:317 mW

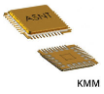
Package:24-pin QFN



[ASNT8133-KMC](#)

Broadband Clock Divider by-1 / by-2 / by-4

Freq (min):DC Freq (max):50 GHz Power:845 mW



[ASNT8170-KMM](#)

9-Tap Finite Impulse Response Filter

Freq (min):DC Freq (max):5.6 GHz Power:422 mW

Package:44-pin CQFP