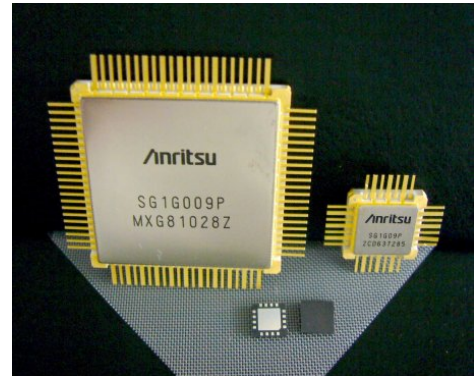


>12.5Gbit/s

High Speed digital ICs

Features

- Excellent performance by InGaP/GaAs HBT process
- RoHS compliant

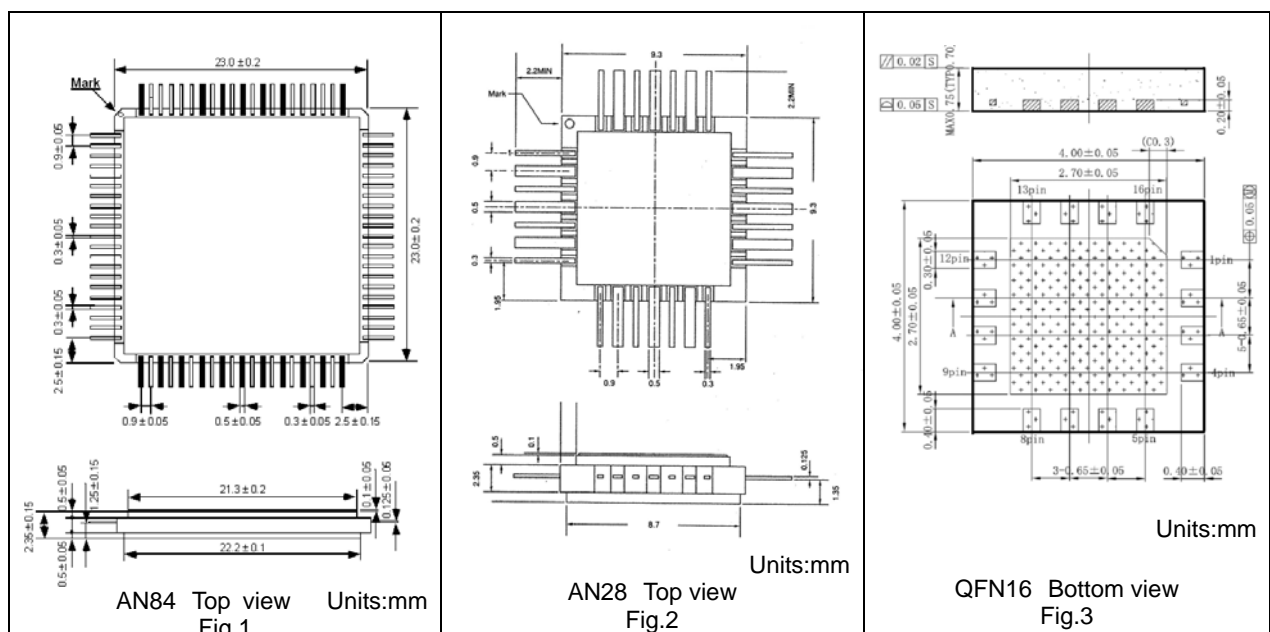


Line Up

Model	Functions	Bit rate / Frequency	Supply voltage	Output Amplitude	Package
SG1G009P	16:1 Multiplexer	0.1 – 12.5 Gbps	+3.3 V / -5.2 V	1.1 Vpp	Fig. 1
SG1G01P	1:16 Demultiplexer	0.1 – 12.5 Gbps	+3.3 V / -5.2 V	LVDS	Fig. 1
SG1G25P	1:16 Demultiplexer	0.1 – 14 Gbps	+3.3 V / -5.2 V	LVDS	Fig. 1
SG1G04P	Clock selector	1.0 – 12.5 GHz	-5.0 V	0.9 Vpp	Fig. 2
SG1G09P	1:2 Clock branch	DC – 15 GHz	-5.2 V	0.9 Vpp	Fig. 2
SG1G21P	1:4 Clock branch	DC – 15 GHz	-5.0 V	0.7 Vpp	Fig. 2
SG1G23P-01	Differential amplifier	DC – 14 GHz	-5.0 V	0.5 Vpp	Fig. 3
SG1G27P	Ex OR	DC – 12.5 GHz	-5.0 V	0.8 Vpp	Fig. 3

* Foundry service is available as well.

Package Dimensions



Please consult Anritsu Corporation If the products are used in the high reliability system. Specifications are subject to change without notice.

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