



Welcome to **SGA**



We at SGA design and manufacture integrated circuits. Our components are custom designed for their specific applications. This is what we call Specific Components.

We want to know more about your application. This is the first step towards a new Specific Component. Optimizing customer products is what it is all about.

Our business is Analog integrated circuits. We have completed more than 130 different component designs since the company was founded in 1986. We currently produce components for customers all over the world.

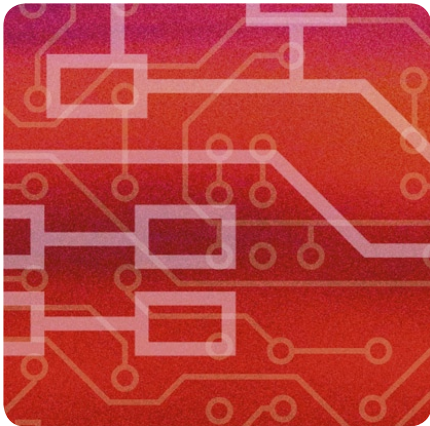
We know Analog design and we understand that the key to the design of a successful custom component is to understand its application. Not all our components are an ASIC but they are all developed for a very specific use.

Creating Customer Success

We want to know about your products. Learning about your analog systems is our first step towards a new Specific Component.

A component from SGA takes you one step closer to the perfect product. We help you discover the benefits gained from upgrading your analog system with a Specific Component. We are always interested in new exciting ASIC and standard product projects.

specific 
components



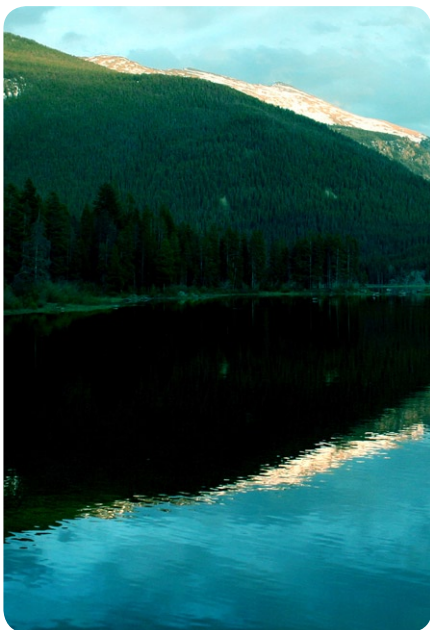
We design and manufacture ASIC. An Application Specific Integrated Circuit is a component that is custom made for one defined application. The rights to purchase the component is owned by the customer.

The objective with an ASIC is in most cases to replace a multitude of standard components with one Specific Component. There are many benefits achieved by doing this. This includes decreased production cost and product size as well as increased product durability and performance.

An ASIC-solution creates an optimized solution for each customer application.

We design and manufacture standard components for selected applications. Our standard components are rather special and are still indeed Specific Components. The difference compared to an ASIC is that the standard components are available for all customers.

We address sensor applications operating at high temperature. Our components are suitable for applications that operate at up to +225°C. This technology is naturally also available for ASIC-design.



Manufacturing

We manufacture the components we design. Our customers interact with us for all steps from initial component design and through all phases of production.

We are a fab-less manufacturer of integrated circuits. This means that the wafer manufacturing and assembly is subcontracted. We normally keep wafer sort and component test in-house at our facility in Linköping, Sweden.

A Specific Component is an important part of the customer application. Our mission is to provide long term production supply of the components we design.

SGA is your source both for design and production of Specific Components for your analog application.

Show us your analog application

specific 
components

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