



Welcome to **SGA**



We 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 140 different component designs since the company was founded in 1986. We currently produce components for customers all over the world.

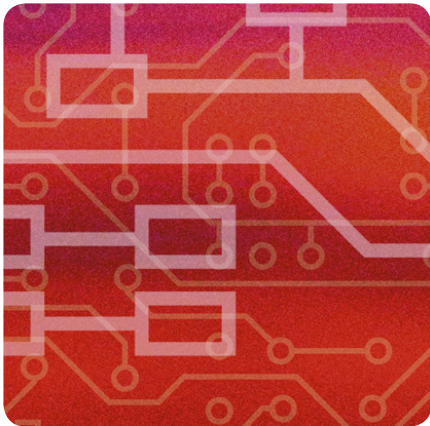
We know Analog design and we understand that the key to the design of a successful custom component is to understand its application. Not all our components are an ASIC but they are all developed for a very specific use.

Creating Customer Success

We want to get to know 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 industrial analog applications. Most of our components do also have some digital complexity for example as interface to microcontrollers. We also address high temperature applications. We manufacture components that operate at up to +225°C.

Manufacturing

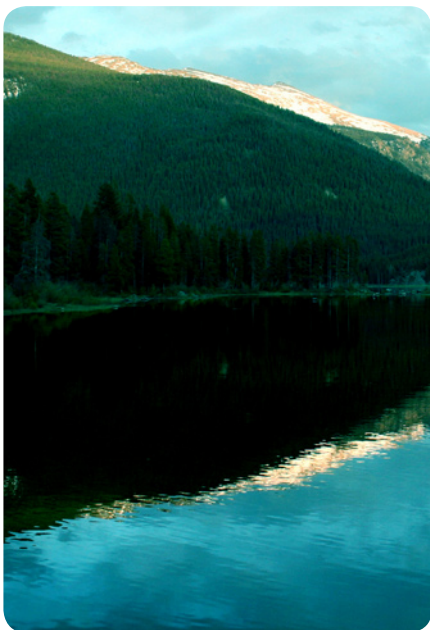
We manufacture the components we design. Our customers interface with us in all steps from initial component design through all phases of production.

We are a fab-less manufacturer of integrated circuits. This means that 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 
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Svenska Grindmatriser AB
Brigadgatan 16
SE-587 58 Linköping
Sweden

Phone: +46 13 36 46 60
Fax: +46 13 36 46 61
E-mail: info@sga.se
www.sga.se