



PCB MANUFACTURING
FROM PROTOTYPE...
...TO SERIAL PRODUCTION

TELGA AB – PCB factory



Telga AB is a leading Baltic States printed circuit board (PCB) manufacturing services provider, with more than 20 years of experience.

Telga AB is based in Taurage, in the western part of Lithuania.

With an export share of approximately 68-70 %. Telga AB is an important supplier of PCB in the Baltic States, European and CIS markets.

We offer a wide range of PCB, including single and double-sided, multilayer up to 8 layers. Our services range from prototypes to serial production, with lead-times tailored to suit individual customer requirements.

Being a quality product means fulfilling customer requirements and meeting customer demands. These requirements can be stated according to a customer's specifications, or can be specified by national or international standards.

In the last half-year Telga AB investments were directed at quality security and development. Currently all our products are inspected with electro testing machines and automated optical inspection. New professional PCB plotter is used for product overlaps and all circuits manufacturing are executed with new drilling and routing machines.

Telga AB is certified to ISO 9001, ISO 14001 and UL94V0.

Customer success is our honor, with advanced management, experienced engineers and perfect service. Telga AB is reliable and powerful business partner.



TELGA AB – ENVIRONMENTAL

Telga AB environmental policy starts in the fact, that we, as PCB manufacturers, are aware of our part in the responsibility for the environment. This means both the external, and the internal or working, environment, as the correlation between the two forms a basis for improvement in the overall environment.

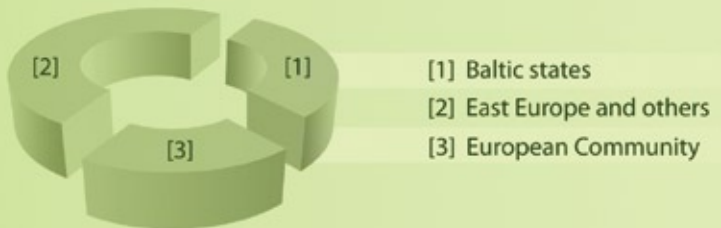
It is our goal at Telga AB to reduce environmental damage, whilst also taking into consideration the company's demands for quality and economy. This takes place through the introduction of technical improvements in the manufacturing processes, as well as training for the staff.

The environment system meets the demands of ISO14001 standard.

TELGA AB – MARKETS

Telga AB is oriented to main several markets like : Baltic States, European Community, East Europe and others.

We see big potential to grow like PCB producer for prototypes and series in our neighbour markets like EU and Baltic States.



TELGA AB - QUALITY



Telga AB products are known for their superior quality in the Baltic and other markets for more than 20 years. Being a quality product means fulfilling customer requirements and meeting customer demands. Our quality system shall furthermore be contributory to a satisfactory profitability in the company.

Quality is first and foremost a question of management. Experience has taught us that the work and costs concerning the maintenance of an appropriate quality system can be kept at a low level when the level of mistakes is correspondingly low.

The quality system meets the demands of ISO9001 standard.

TELGA AB - MAJOR EQUIPMENT

Coming soon: new etching line with regeneration, post etch punch machine, expose glass to glass machine.

Drilling	Posaliux and Timax
Routing	Posaliux and Timax
Metallization	Sessler
Chemical - etching	CRH machines and regeneration line with new etching machine
Plotter professional PCB	Wide
Pressing	Burkle
Hasl	Standart Lantronic, lead free Quicksilver
Printing	Svecia
Testing	Microcraft Emma
Routing machine	Telmec
Packing	Cemco
Water station	Gutling
Private gas heating station	Thermalit
Compressed air station	Kaeser

And other machines from companies and brands: Faigle, Fela, Uvex, Hess, Olimpus, Viking, Srs, Albert.

TELGA AB - CAPABILITIES

Name	Item	Data
Products	Single side and double side	Yes
	Multi layer up to 8 layer	Yes
Services	Prototypes and serial	Yes
Materials	FR4,FR4 HiTg0,FR2,CEM -1,Arlon	
	Board thickness	0.5 to 3.2 mm
	Cooper thickness	18 µm, 35 µm, 50 µm, 70 µm, 105 µm
Surface finish	Lead free HASL standard HASL	2 - 20 µm
	Contact finger gold plating	> 0.5 µm
	Contact finger nickel plating	> 4 µm
Innerlayer	Conductor spacing	0.20 mm
	Annular ring	Min 0.20 mm
Outerlayer	Conductor width	Min 0.15 mm
	Conductor spacing	Min 0.15 mm
	Annular ring	Min 0.15 mm
Drilling	Hole size	Min 0.20 µm
	Hole positioning	± 0.02 µm
Solder mask	Imagecure XV 501-T4	> 20 µm
	Roughness	0,2 µm
Component notation	Min. lin2dth	0,15 mm
	Min. high	1,6 mm
	Colours	white, black
Carbon printing	Min. spacing and min. track	0,3 mm
	Thickness	15 - 30 µm
Peelable mask	Tolerance	± 0.5 mm
	Min. width	3,0 mm
	Min. distance to solder pad	2,0 mm
Carbon printing	Min. spacing and min. track	0,3 mm
	Thickness	15 - 30 µm
V - cut	Angle	30°
	Thickness (board)	0,8 - 2,40 mm



TELGA AB - CONTACTS

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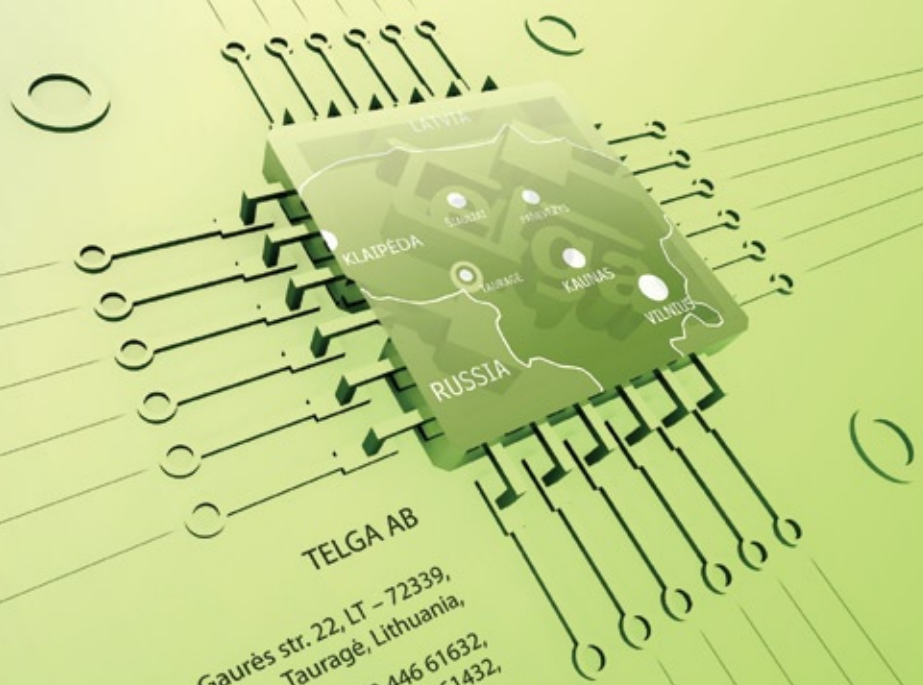
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