

Dear Ladies and Gentlemen,

Today we address our ADKOM News to the topics of logistics and the tense situation on the PCB market.

With kind regards  
Your ADKOM Team

### The way from China is far



The pleasant first:  
We have not used this transport option in a long time.  
Frequently we are enquired about the type of procurement and the mode of transportation of good and asked to deliver the goods by airfreight to Germany.  
Let's forestall it – this has always been standard at ADKOM. Unless otherwise agreed with customers, our shipments are always imported by air from China.

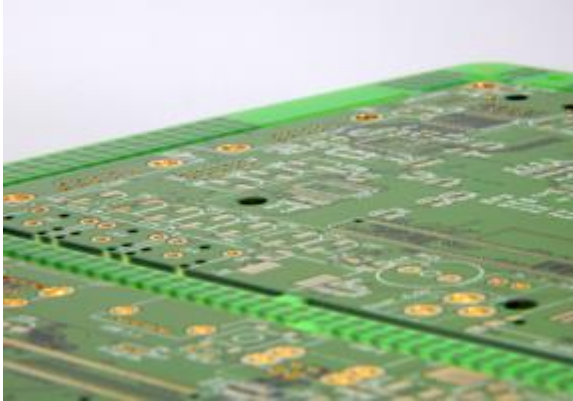
In 19 steps from the producer to your goods receipt



- Shipment after production to manufacturer
- Customs clearance to Hong Kong
- Arrival at ADKOM Hong Kong
-  Verification and documentation of shipment
- Issuing of export and customs documents
- Registration at logistic partner
- Transfer to logistic service provider
- Booking of shipment at an airline
- Export customs clearance
- Handover to the airline
- Flight Asia – Europe
- „Check in“ of the goods in Germany
- Registration to import custom clearance
-  Customs inspection and release
- Handover to logistic partner
- Transfer to ADKOM Germany
- Inspection and commissioning
- Dispatch to customer
- Arrival at point of destination

It is nevertheless amazing how many individual steps are necessary to ensure a smooth import, and until the ordered goods can finally be captured in your goods receipt.

## Messages out of the PCB industry – or what you should be prepared for



Copper laminate is a major component for the manufacture of circuit boards.

The approximately 15 laminate manufacturers located and producing in Asia face several thousand PCB manufacturers.

After a rather quiet market in 2016, this has changed tremendously in the first few weeks of 2017.

About 1/3 of the world's copper consumption is used for applications of the electrical and electronic industry (currently about 40%). An interaction out of US-\$ exchange rate bounds after the USA election, China's announcement to modernize the power grid, the forecast for renewable energy generation, and the consequences out of the e-mobility accounts for this among other things. In the first months of 2017, the metal trading markets have already responded with price increases of partially more than 20%.

In particular, the rapidly growing battery market for electric vehicles is retracting capacities from the electric and electronic industry.

The requirements for the production of copper foil for the battery market are significantly lower than for electronics and therefore also even more profitable for the manufacturers. The consequences are in addition to higher prices, supply bottlenecks, shortage and ultimately hence resulting, allocation of quantities. This situation will surely accompany us with its negative aftermath until next year. We are firmly convinced that our long-term business relations to well-known Chinese manufacturers will surely impair these effects.

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Under the category: [„Press Releases“](#) on our website, you can find further interesting bulletin for this display technology – so just have a visit there!

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