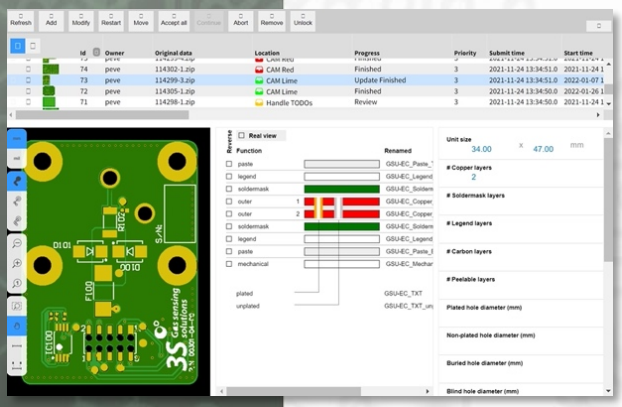
Ucamco

Product Flyer

SOFTWARE | LASER PHOTO PLOTTERS | DIRECT IMAGERS

Jayda

Your accurate fast-response web engine



- Data input and analysis solution
- Ultra-fast and highly responsive
- Cloud-compatible
- Dynamically scalable
- Library of graphical web components
- Textual, graphical and structural analysis
- State-of-the-art REST API

Ultra-fast, highly responsive

In these digital times, customers have grown used to receiving correct quotations in no time. Jayda, Ucamco's ultra-fast and highly responsive data input and analysis solution is exactly what you need to support your online web portal and quotation engine.

This state-of-the-art software tool communicates with your web server and picks up your visitor's archive, reads it in, extracts the key PCB characteristics and conveniently stores them in its database. That is where your in-house quotation engine picks them up and shows your prospective customer the correctly calculated price.

In parallel and at set intervals, Jayda also reports back to your web server with intermediate results of its data analysis, nicely wrapped as a JSON object. This enables your web server to pick up your most relevant PCB characteristics - number of copper layers, PCB dimension, smallest trace width or through-hole … - and progressively fill your web page live with Jayda analysis content.

All of this happens within seconds and minutes after your visitor uploaded his archive and in a continuous flow, so he never has the feeling he is waiting for something.

Specification	Standard Capabilities	RFQ on request
Raw materials	FR4 TG up to 180°C	High Tg°, Rogers, Arlon, Teflon
UL approved materials	Yes	Yes
Finishing	OSP, HASL, LF-HASL, ENIG, Silver, Tin	Same
Solder mask vias	Yes	Same
Grooving	Yes	Grooving with jump
Multilayers special stack up	No	Yes
Drill diameter	0.2 to 6.3 mm	< 0.2 mm
Track and space on inner layers	100 µm	depend of copper base
Track and space on outer layers	100 µm	depend of copper base
Monitored Impedance	Yes	Yes

MARKETS

Rigid PCB Mfr ✓
Flex PCB Mfr ✓
Flex-Rigid PCB Mfr ✓
HDI PCB Mfr ✓
PCB Masslam Mfr ✓
PCB Equipment Mfr
PCB Traders ✓
PCB Designers ✓
PCB Test Centers ✓
IC Packaging ✓
Chemical Milling ✓
High Resolution Graphic Arts ✓
Flat Panel Display ✓

PRODUCT FAMILIES

CAM ✓
PreCAM and Engineering ✓
Electrical Test ✓
Equipment Front Ends ✓
Format Converters & RIP's ✓
OEM Software ✓

Laser Photo Plotters
Direct Imagers

64 Bit

Multi Core

Ucamco protects your investments

Ucamco has a longstanding tradition of protecting its customer's investments. **Jayda** is no exception: it seamlessly works with your existing **UCAMX** or **Integr8tor** installation and re-uses all the available software setups or precious automation that you have diligently gathered and carefully maintained over the years.

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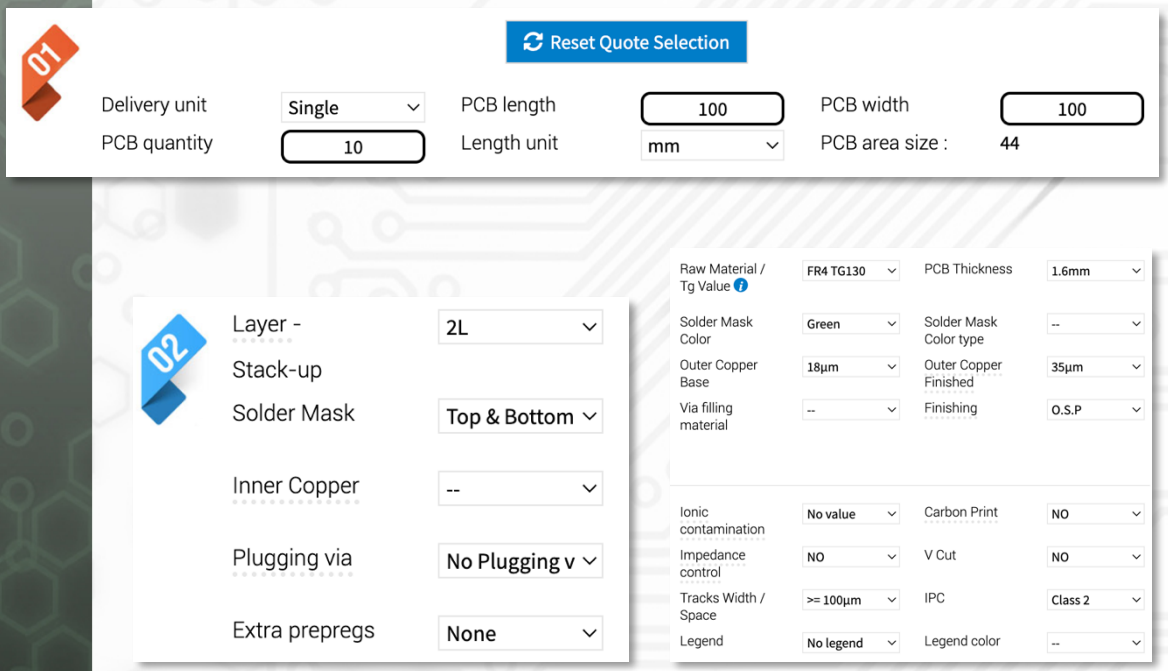
An image says more than 1000 words

To top it all, Jayda comes with a library of graphical web components. These are Ucamco pre-built graphical widgets that you can plug into your web page very easily and will talk to the Jayda server.

As soon as Jayda knows for instance an archive is about a PCB with 2 copper layers, 2 solder masks, a legend, a plated and a non-plated drill, it will send this info to the "layer structure" graphical component you have embedded on your webpage, which will turn this info into a nice graphical representation of the board's stack-up.

If your web page also includes the "Drawing area" graphical component – another one of 40+ widgets currently available –, your user can see, zoom, query, measure, overlay, … in real time the PCB image data Jayda has generated in the background.

Just like with the textual analysis results, this is a near real-time and continuous process, where the different widgets will successively react to Jayda information they receive throughout the process.



Direct link to the Ucamco website

For more information on any of our products or services please contact us at info@ucamco.com
www.ucamco.com

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