AD SERIES

Electronic Solutions

Design & Manufacture

The Challenge!

*Sector; food & beverage, self service
AD Market; new product delivery support.

Case study – Digital Interlock Software

AD Series Design and Manufacture turns frustration to Success.
MD Ian Locke
" We were frustrated by our existing supplier with supplier communication, ownership of problems and more importantly painfully long lead times for production, Initially I turned to AD Series to see if they could help in sourcing long lead time components! However while not able to help with that they have reenergised and designed our solution using available components so e were able to meet our customer demand!"

Digital Interlock Software (DIS) main problem was they had lead time from their current supplier on components & chipsets was in excess of 22 weeks. DIS were looking to go to market with Digital retrofit circular screen around March 2022. To tackle this issue, AD Series proposed generating a new board, delivering a sustainable solution working closely with the DIS developers this provided a stable Linux system with a fallback to Android 11 which was not required.
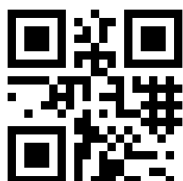AD Series UK and Shenzhen teams worked seamlessly to redesign the board layout using a similar but more available chipset " and worked closely with us every step of the way".

AD Series provided Digital Interlock Software with solutions to their problems enabling them to get their product to the marketplace quickly and efficiently.

AD Series are now working with Digital Interlock Software on several exciting new products coming to market soon.

DIGITAL INTERLOCK SOFTWARE
CONNECT THROUGH CONTENT

Contact AD Series to discuss how we can help you achieve your objectives…

+44(0)870 005 5520

UK Head Office: Unit 49 Eldon Way,
Paddock Wood, Kent, TN12 6BE

eva2@adseries.com

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How?

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Being unable to reduce the clients current PCB components lead-time, we ported their design from the Rockchip PX8 to the Rockchip RK3566 and move that operating system from Android 11 to Linux (Debian), in addition we extended the core memory and connectivity by adding the 5Ghz WiFi and Bluetooth connectivity.
We retained the shape and critical interfaces of the solution board.

AD Series have delivered the first samples, trial batch of 100 and first 500pcs production batch within the original sourcing lead time. And additionally produced a working variant for an additional product.

We have also been able to assist with cost reduction of the supply of other core components and are able to offer moulding, assembly and full life cycle support as demand grows.

Many sectors are experiencing un-presidented delays in getting product to market. AD series bare here to help keep your customers and shareholders happy.
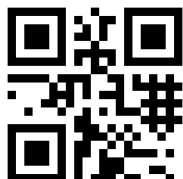
Click to watch the DIS Video

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