



# ELTASSAN

TECHNOLOGIES SHAPING THE FUTURE

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## Company Presentation

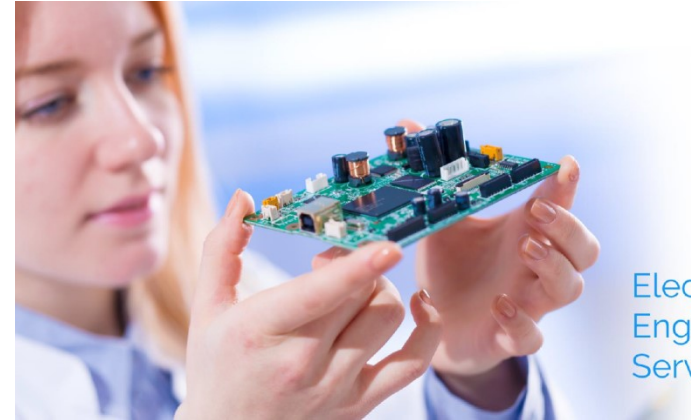
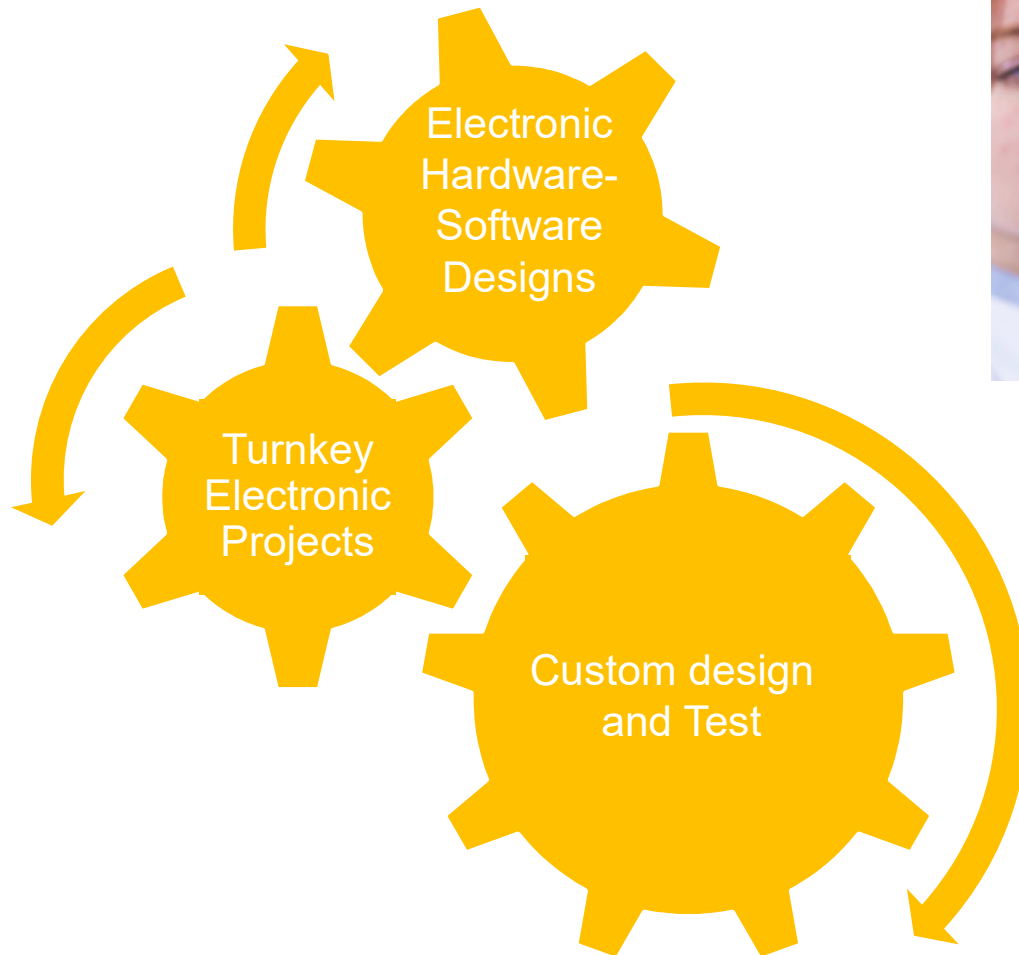
# Company Profile

- In addition to being a young company established in 2020, Eltassan was founded by a team with more than 20 years of experience in electronic design and software.
- As Eltassan company, we closely follow the developing electronics and software technologies with high acceleration with our mastery of past technologies.
- The main line of work of our company is to realize the electronic and software designs required by the customer. In short, we are here to bring any electronic related idea to life.
- We carry out every stage of the project to be realized, from the first drafting stage to project design, from prototype creation to mass production line planning.

# Working places

- Analog and digital electronics designs
- Embedded software and hardware designs
- Turnkey electronic design projects  
FPGA designs
- DSP designs
- Machine Learning Projects
- Industrial SCADA projects

# Working places



Electronics  
Engineering  
Services

# Our services

- Electronic hardware, software and mechanical designs from the first stage
- Realizing your project ideas with professional R&D team.
- Professional R&D consultancy support for projects that have already started
- Regulating project execution mechanisms that have lost their functionality or have begun to lose

# Privileges We Offer

- Skilled and experienced R&D staff in electronic hardware, software and mechanical design
- High speed digital PCB designs
- Signal, power lines and simulation
- Analog designs
- Power supply designs
- IP designs with VHDL / Verilog (FPGA and CPLD)
- Following and finalizing the process from the first idea stage of the project to the establishment of the latest mass production line
- Identifying the errors and deficiencies of projects and producing more efficient and functional products with more up-to-date technology

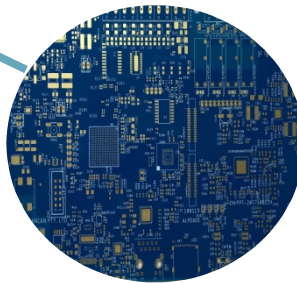
# Sample Projects- Remote Control Applications



- Valve and motor control
- Machine status tracking
- Special mechanical and machine designs
- Collecting and tracking data from system and environment variables



- Vehicle parking control
- Vehicle counter
- Plate vehicle tracking systems



- Specially designed electronic devices
- Specially designed mechanical control systems

Electronic Hardware, Software and Mechanical Design Company

[www.eltassan.com](http://www.eltassan.com)

# Sample Projects - Data Recorders

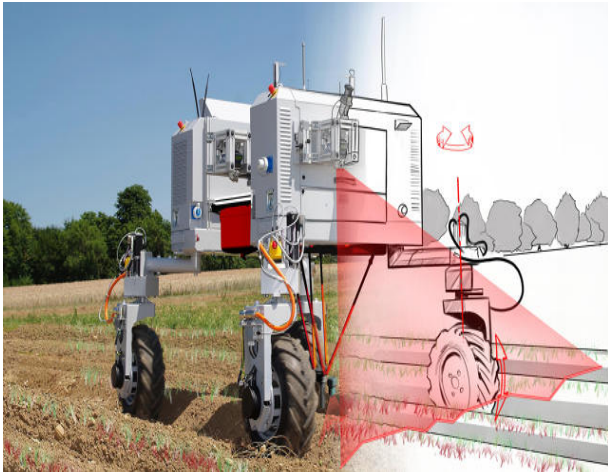
- Water level and quality monitoring data recording systems
- Machine tracking data logger
- Meteorological (air temperature, humidity, sunshine duration, radiation, wind speed-direction etc.) measurement data recorder
- Online data tracking systems





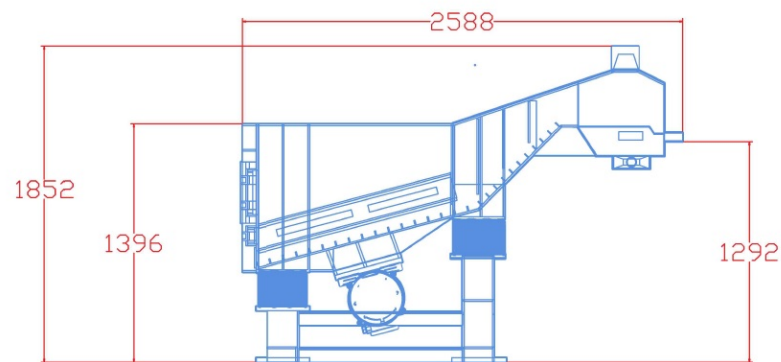
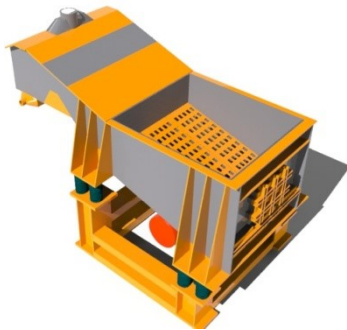
# Sample Projects - Agricultural Systems

- Intelligent seeding and weed removal systems
- Smart tractor plantation
- Cultivated crop control and tracking

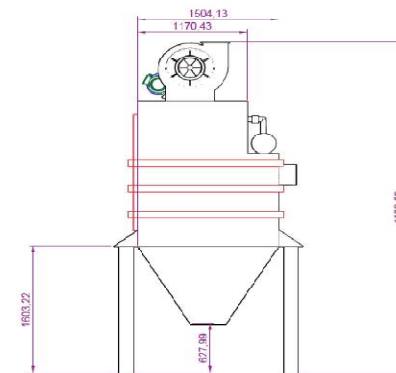
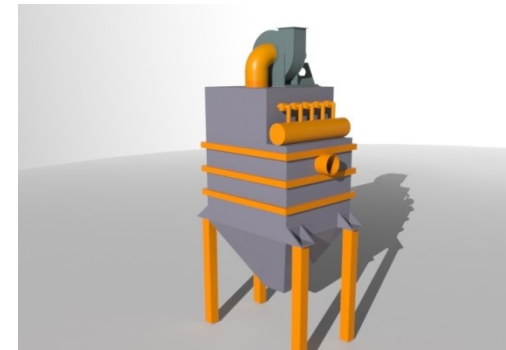


# Sample Projects

## Sand Recycling Systems



## Dust Filter Systems



# Sample Projects— Foundry Equipment

Sand mixer control systems and mechanical designs

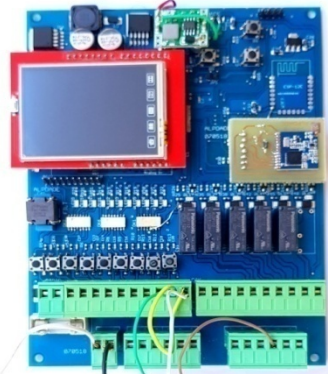


# Finished Electronic Projects

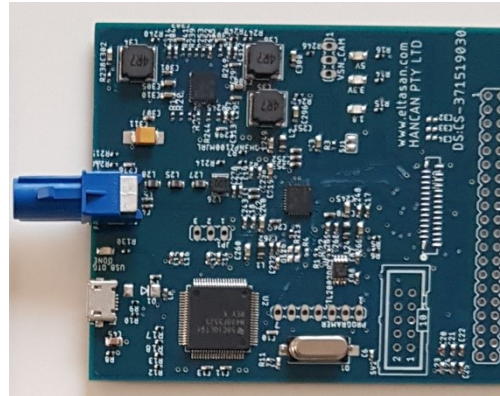
- **Mini Data Logger**
- **Single Data Logger**
- **Water Level Recorder Data Logger**
- **Pressure Sensor Data Logger**
- **Radar Level Sensor Data Logger**
- **Water Flow Meter Counter and Discharge**
- **GPRS Data Modem**
- **Crane Carriage Control (Hydraulic system)**
- **Laser Epilation Device (Just Digital Control Board and Software)**
- **Computer Software for data logger**
- **Bitcoin miner with FPGA**
- **License plate recognition with FPGA or ARM**
- **Vechile recognition**
- **Remote Control For over internet (with GSM/GPRS modem and RF Modem)**
- **GPS Tracker**
- **Heater Control with microprocessor**
- **Holt Melt Glue Machine electronic control**
- **Open Irrigation Canal remote Control (for 30km2 Area)**
- **Foundry equipments**



# Low Speed some PCB Samples



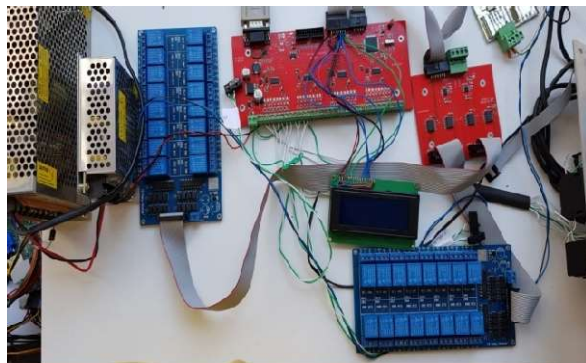
Vehicle Crane Control



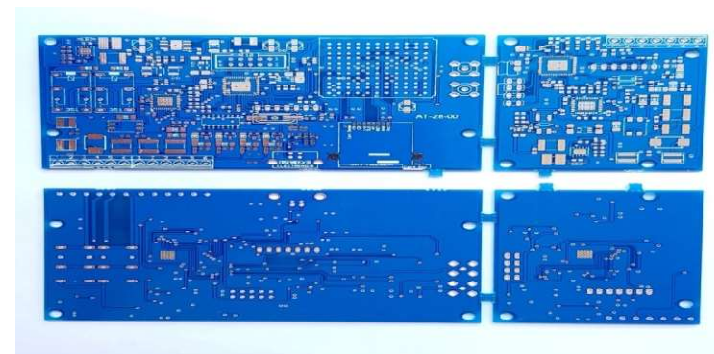
Camera Control



Heater Control with IR

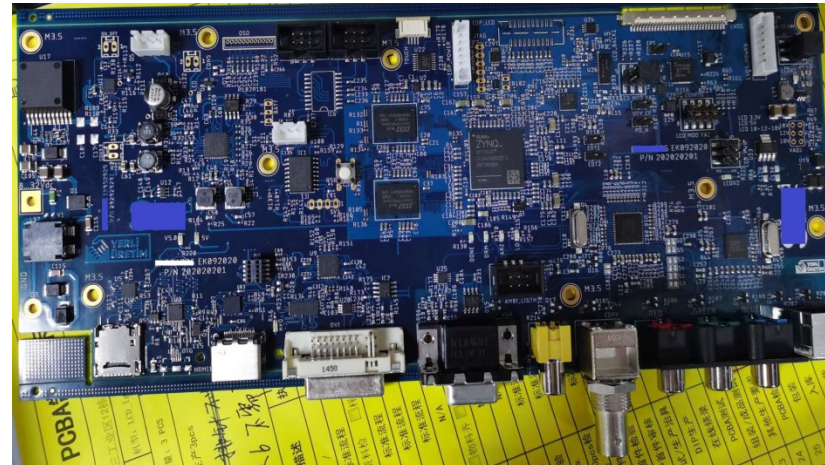
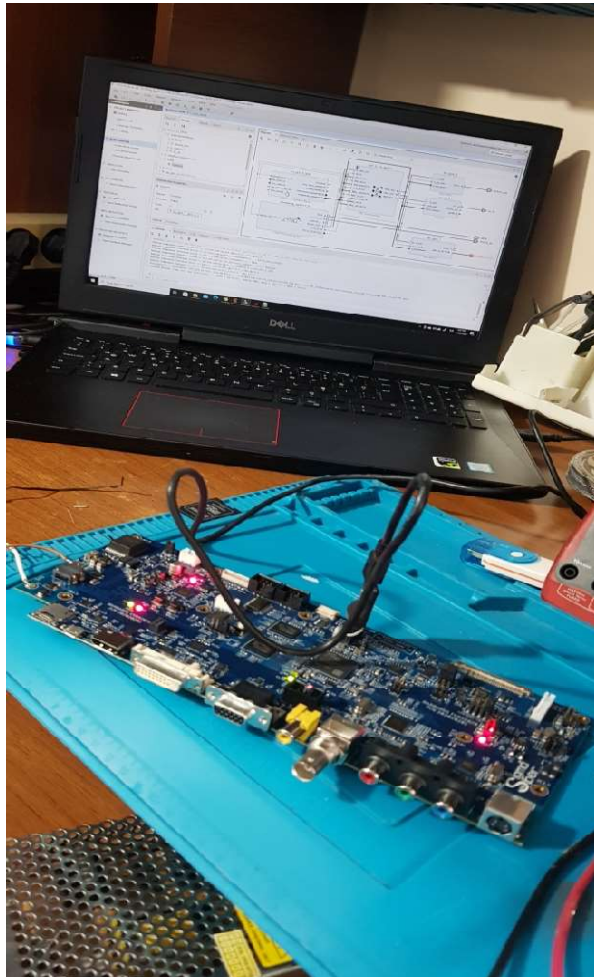


PLC with ARM CPU



Vehicle Alarm

# High Speed and FPGA PCB Sample



XXX Project with FPGA

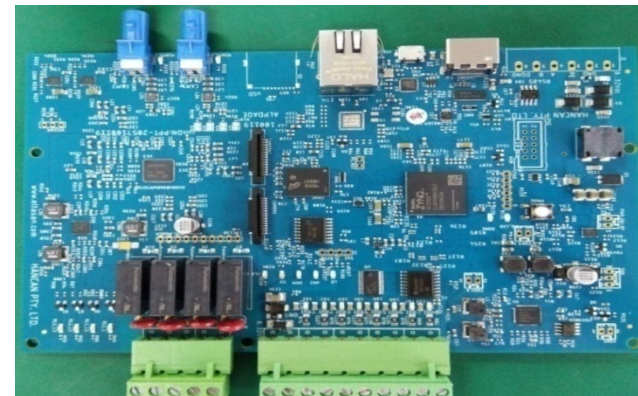
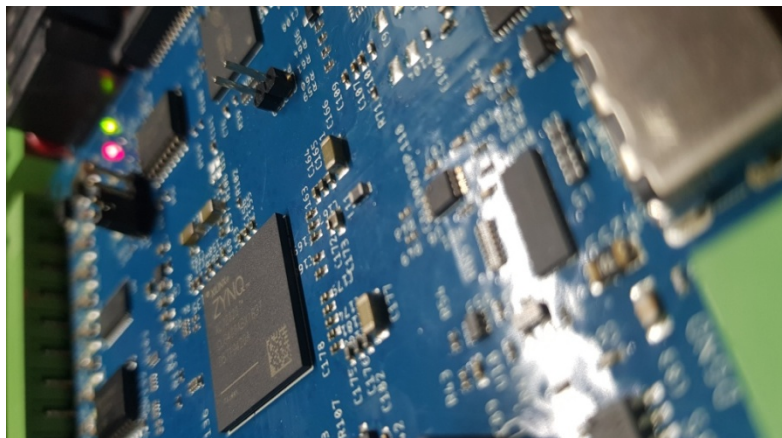
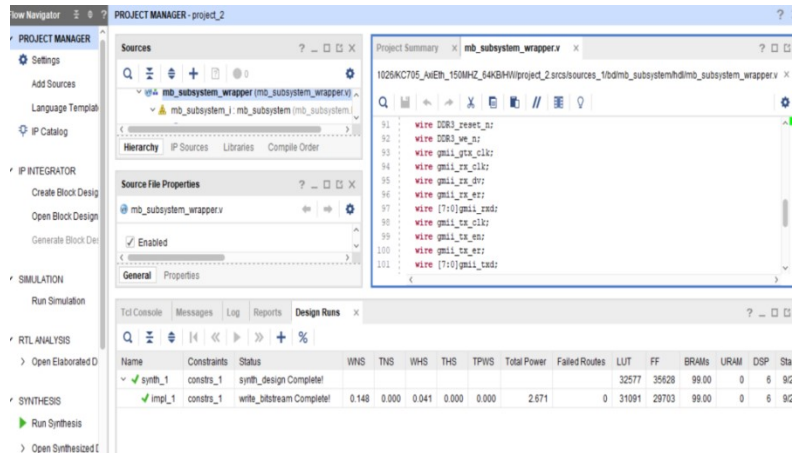


Plate Recognition with FPGA



# Finished Some Electronic Projects



# References



CHINA



AUSTRALIA



HangarBot

U.S.A

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**SIEMENS**

GERMANY



CHINA



AUSTRALIA



TURKEY



SPAIN





# ELTASSAN

Technologies Shaping the Future

## **THANK YOU**

ADANA

TURKEY

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Electronic Hardware, Software and Mechanical Design Company

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