OMRON

solution **PROFILE**

Sysmac Modular Solution

Streamline solution architecture and reduce programming complexity across controls, motion, safety, and vision systems in electronics manufacturing and assembly.

Key Features:

- Integrated motion over EtherCAT[™]
- Vision controller integration
- Fault detection
- Pre-designed HMIs

Benefits & Advantages

- Simplified programming for faster implementation
- Reduced part variety for easier maintenance and a streamlined Bill of Materials
- · Fault detection at three levels: cell, station, and device
- Direct data transmission with instant access, enabling faster decisions and responses
- Modularity for flexible adaptation to changing production demands
- Compact design for maximum space efficiency in tight environments





- Screw Tightening
- Glue Dispensing
- Pick and Place
- Station Level Inspections
- Indexing

Lighten Your Workload and Decrease Design Risk with:

- Bill of Materials
- Sample code for automation controller
- Sample code for vision controller
- Sample code for HMI
- Quick start guide
- Application technical notes
- Application engineering support