**COMPONENT CONTROL EPC**

**1. Description  
Embedded control board or programmable module.**

**2. Functions**

* **Controls specific subsystems or zones**

**3. I/O and Signals**

* **Varies per use case**

**4. Interlocks & Safety**

* **Interlocks are local to embedded logic**

**5. Dependencies**

* **Communicates with PLC over fieldbus**

**6. Alarms**

* **Module-specific error codes**

**7. HMI / Operator Interaction**

* **View diagnostic status and health**