Main

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# Main

**Local Variables**

| Name | Alias | Data Type | Dimension | Initial Value | Project Value | Comment | Direction | String Size |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| RTO\_1 |  | RTO |  | ... | ... |  | Var |  |
| Test\_Ctu |  | CTU |  | ... | ... |  | Var |  |
| PT\_Time |  | TIME |  |  |  |  | Var |  |
| T28\_Clk\_Rst |  | BOOL |  |  |  |  | Var |  |
| T28\_Clk\_Run |  | BOOL |  |  |  |  | Var |  |
| T28\_Clk\_MinRst |  | BOOL |  |  |  |  | Var |  |
| T28\_Clk\_HrRst |  | BOOL |  |  |  |  | Var |  |
| Step\_1 |  | BOOL |  |  |  |  | Var |  |
| Step\_2 |  | BOOL |  |  |  |  | Var |  |
| Step\_3 |  | BOOL |  |  |  |  | Var |  |
| Step\_4 |  | BOOL |  |  |  |  | Var |  |
| Step\_5 |  | BOOL |  |  |  |  | Var |  |
| Step\_6 |  | BOOL |  |  |  |  | Var |  |
| Step\_7 |  | BOOL |  |  |  |  | Var |  |
| Part\_Ctr |  | CTU |  | ... | ... |  | Var |  |
| Part\_Ctr\_Reset |  | BOOL |  |  |  |  | Var |  |

**Rung1 Diagram**

**Example 6.3 Tub loader control**







**Rung2 Diagram**

**Step 1 - Count parts. Trans. to Step 2 when 100 parts have passed.**



**Rung3 Diagram**

**Reset for counter**



**Rung4 Diagram**



**Rung5 Diagram**

**Reset for all counters**



**Rung6 Diagram**

**Reset for rminute counter**



**Rung7 Diagram**

**Reset for hour counter**

