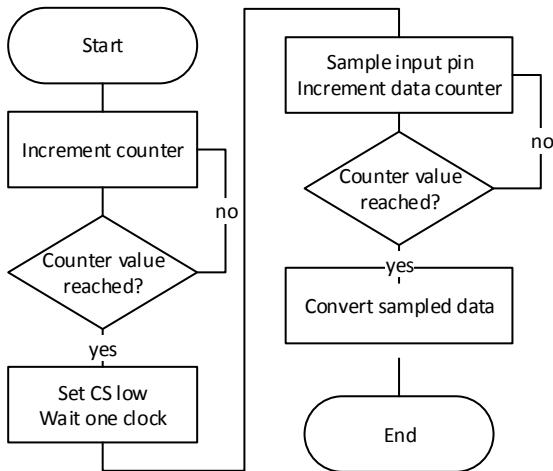


Data acquisition flowchart



Each decision in the flowchart is made once a clock event triggers.