

non_project_mode_example

- **File:** top_level.vhd
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Diagram

STD_LOGIC_VECTOR(4 downto 0) — **PB_IN LEDS_OUT** — STD_LOGIC_VECTOR(4 downto 0)

Description

This is a basic example of a non project mode workflow.
Set for the ZCU102, this module will synthesize to light LEDs
on the click of a pushbutton.

Generics and ports

Table 1.1 Generics

Table 1.2 Ports

Port name	Direction	Type	Description
PB_IN	in	STD_LOGIC_VECTOR(4 downto 0)	Incoming Pushbuttons (0-LS 1-RS 2-US 3-DS 4-MS)
LEDS_OUT	out	STD_LOGIC_VECTOR(4 downto 0)	LEDs out light based on the pushbutton pressed (0-LS 1-RS 2-US 3-DS 4-MS).