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date	20-6-2023				
project	RGB LED Control V2.0 Design				
test name:	application testing				
test ID	test case description	steps	expected results	actual results	pass/fail
APP_01	application init	1. Flash the program 2. Press Reset Switch	Expected to have all the RGB LEDs off	match with the expected result	pass
APP_02	application start	1. Flash the program 2. Press Reset Switch 3. Press the switch SW1 button multiple times	Expected for each button press the following results should occur sequentially: 1st Press: RED LED only is ON for 1 sec 2nd Press: GREEN LED only is ON for 1 sec 3rd Press: BLUE LED only is ON for 1 sec 4th Press: All RGB LEDs are ON for 1 sec 5th Press: All RGB LEDs are off (no light) 6th Press: Repeat from "1st press" step	match with the expected result	pass
APP_03	hold the button pressed	Press the switch SW1 button and hold for a time	the state of the LED change only for once	match with the expected result	pass