

WORKING BOARD	voltage(V)			COMMENT
CASE1	VG	VS	VD	In this case, the Dock_sig and Switch node are floating. It means that ports of these signals are not connecting with anything but NMOS Drain is connected with Switch node and gate with Dock_sig.
LED ON	3.958	0.692	0.692	TLC555 work as a latch circuit and control through a vibration switch i.e. SW1
LED OFF	4	3.298	3.15	
CASE2				In this case, the Dock_sig and Switch node are connected with another board through a magnetic connector. It means that ports of these signals are connecting with external boards and turn OFF NMOS by connecting GND at Gate and Drain with GND through a switch
LED ON	0	0 or 0.792	0.182 or 0.187	Depends on the latch condition of 555 and Now the LED is control through external switch shown in red
LED OFF	0	3.298 or 0	3.298 or 1.176	
Non WORKING BOARD	voltage(V)			COMMENT
CASE1	VG	VS	VD	In this case, the Dock_sig and Switch node are floating. It means that ports of these signals are not connecting with anything but NMOS Drain is connected with Switch node and gate with Dock_sig.
LED ON	3.89	0.592	0.593	TLC555 work as a latch circuit and control through a vibration switch i.e. SW1
LED OFF	4	3.3	3.15	
CASE2				In this case, the Dock_sig and Switch node are connected with another board through a magnetic connector. It means that ports of these signals are connecting with external boards and turn OFF NMOS by connecting GND at Gate and Drain with GND through a switch
LED ON	3.784 or 3.76	0.178 or 0.18	0.179 or 0.18	Depends on the latch condition of 555 and Now the LED is control through external switch shown in red.
LED OFF	4 or 3.886	3.3 or 0.592	3.15 or 0.594	In this case, the gate is not getting to zero volt even if I connect directly GND with it while on working board it do the job perfectly

