**CDD**

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| --- | --- | --- | --- |
| Version | Author | Changes | Status |
| 1.1 | Bishoy | Initial version | Reviewed |
| 1.2 | Basma | Modified | Released |

**Description:**

This is the component design document of the project. It depends on the GDD as it extracts the info from it.

- LED\_Enable()

- LED\_Disable()

- u8 LEDDRIVER\_SetHigh(u8 Copy\_u8 PinId)

- u8 LEDDRIVER\_SetLow (u8 Copy\_u8 PinId)

**Req\_CDD\_ID\_4**

Covers: **GDD\_ID\_11, GDD\_ID\_12**

LED\_Enable

Reverse

Check for led type

Forward

Return error value

Call the function DIO\_u8SetPinValue

Call the function DIO\_u8SetPinValue

Set the specified

Pin high

Set the specified

Pin low

LED\_Disable

Check for led type

Reverse

Forward

Return error value

Set the specified

Pin high

Set the specified

Pin low

Call the function DIO\_u8SetPinValue

Call the function DIO\_u8SetPinValue