**CDD**

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

**Description:**

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

* u8 Keypad\_init(void);
* u8 Keypad \_SetKeypadPort (u8 Copy\_u8PortId);
* u8 Keypad \_KeypadRead(u8 \*Copy\_u8Value);

**Req\_CDD\_ID\_3**

Covers: **GDD\_ID\_8, GDD\_ID\_9, GDD\_ID\_10**

- Keypad\_Init()

Call the function DIO\_u8SetPortDirection()

To make a specific port as input from the 8-pins of the keypad

- Keypad \_KeypadRead()

Call the function DIO\_u8GetPortValue()

To get the reading from the 8-pins of the keypad