



NViS1482/14162 GPIO Design Proposal

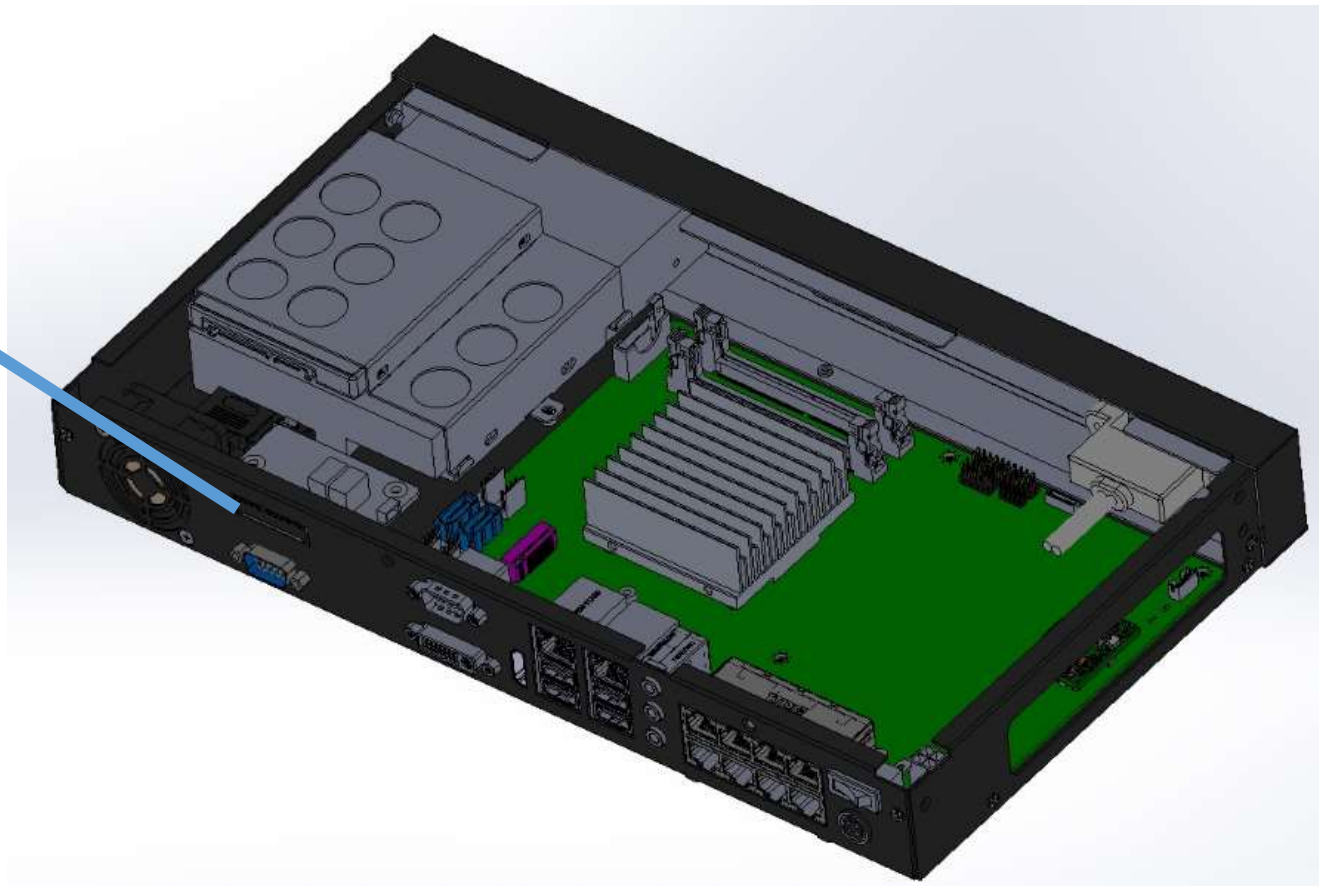
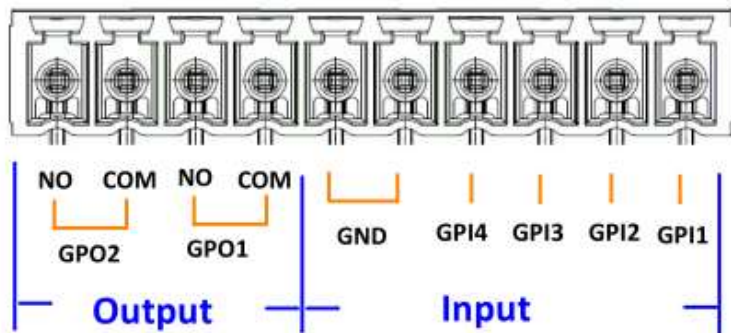
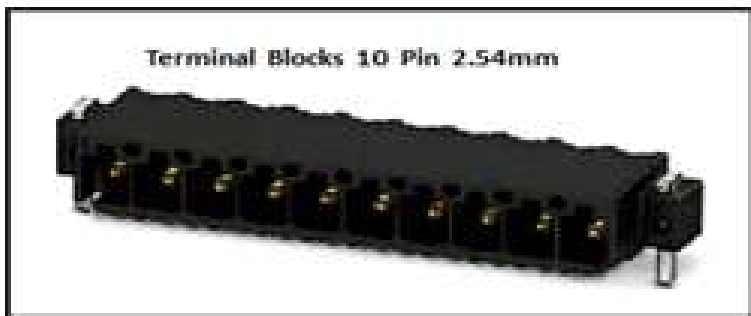
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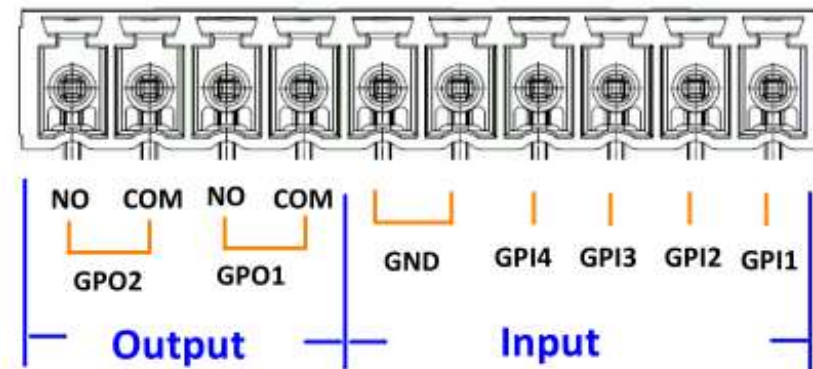
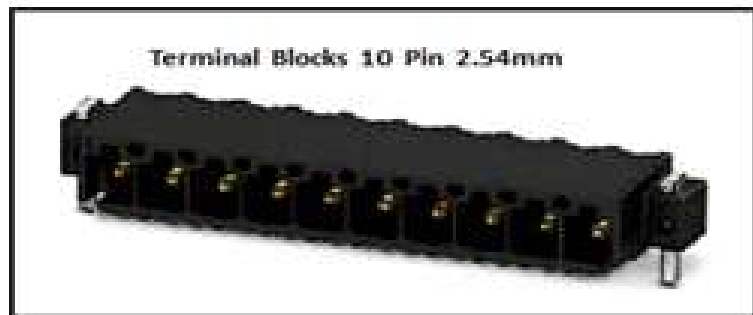
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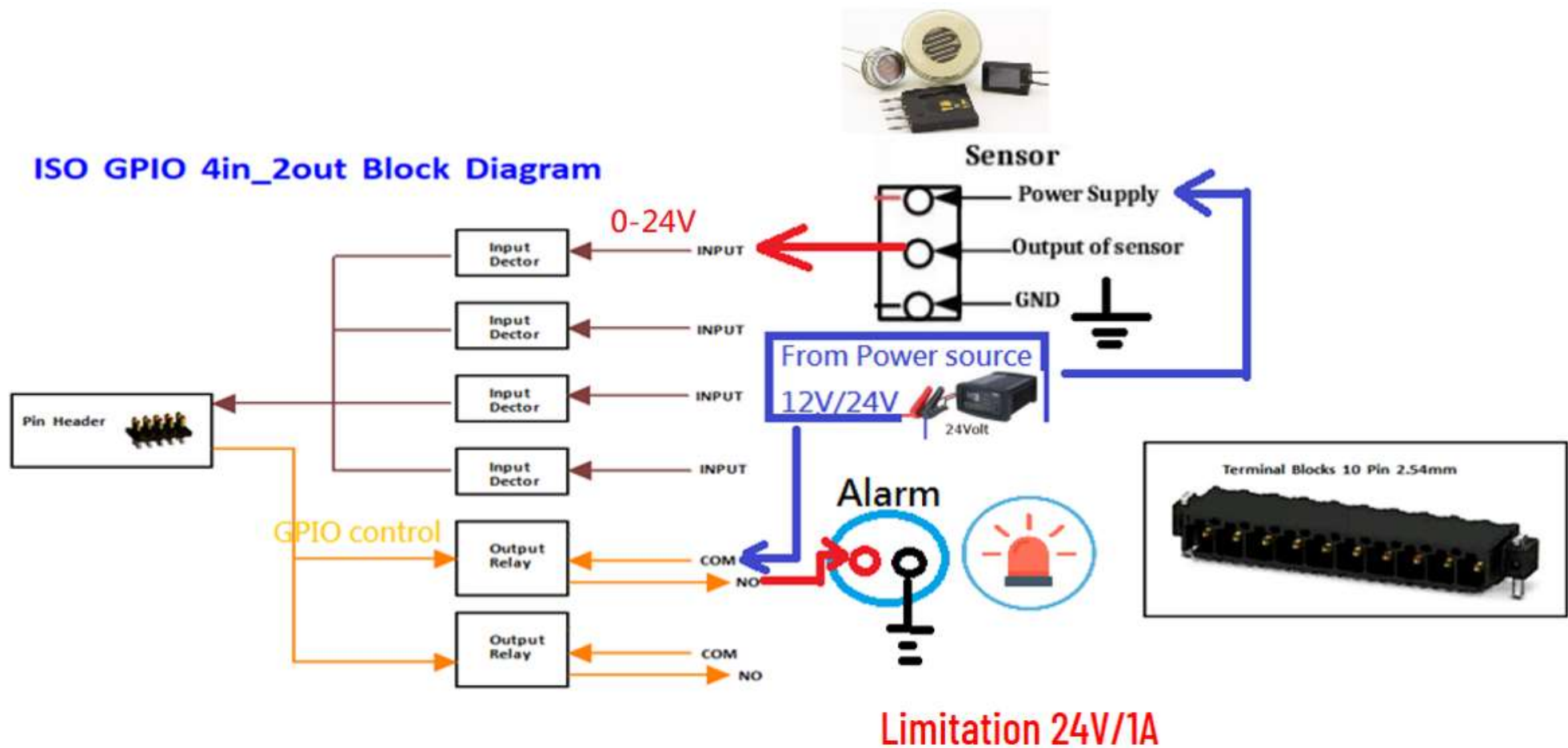
NViS1482/14162 4IN/20OUT GPIO Design



NViS1482/14162 4IN/20UT Isolated GPIO Design



NViS1482/14162 4IN/20OUT Isolated GPIO Design Application



NViS1482 4IN/20OUT SDK Control Initial Status (Windows)

GPI (4 IN)

GPO (2 OUT)

Default
GPI off = 1

The screenshot shows a Windows application window titled "NViS1482 GPIO_Sample". It contains two main panels: "GPI" on the left and "GPO" on the right. The "GPI" panel lists pins GPI_00 through GPI_07, with GPI_00 to GPI_03 set to 1. The "GPO" panel lists pins GPO_00 through GPO_07, with GPO_04 and GPO_05 checked. GPO_06 and GPO_07 are crossed out with a red X. An "Apply" button is at the bottom right of the GPO panel. Below the panels are two buttons: "GetLevel" and "Get Level by bank".

Pin	Value
GPI_00	1
GPI_01	1
GPI_02	1
GPI_03	1
GPI_04	
GPI_05	
GPI_06	
GPI_07	

Pin	Value
GPO_00	<input type="checkbox"/>
GPO_01	<input type="checkbox"/>
GPO_02	<input type="checkbox"/>
GPO_03	<input type="checkbox"/>
GPO_04	<input checked="" type="checkbox"/>
GPO_05	<input checked="" type="checkbox"/>
GPO_06	<input checked="" type="checkbox"/>
GPO_07	<input checked="" type="checkbox"/>

Buttons: GetLevel, Get Level by bank, Apply

Default
GPO off = V

NViS1482 4IN/20OUT SDK Control (Windows)

GPI (4IN)

NViS1482 GPIO_Sample

GPI 3.

GPI_00 : 1

GPI_01 : 0

GPI_02 : 1

GPI_03 : 0

GPI_04 :

GPI_05 :

GPI_06 :

GPI_07 :

GPO

GPO_00 : ☐

GPO_01 : ☐

GPO_02 : ☐

GPO_03 : ☐

GPO_04 : ☒

GPO_05 : ☒

~~GPO_06 : ☒~~

~~GPO_07 : ☒~~

Apply

2.

GetLevel

Get Level by bank

GPO (20OUT)

NViS1482 GPIO_Sample

GPI

GPI_00 : 0

GPI_01 : 0

GPI_02 : 0

GPI_03 : 0

GPI_04 :

GPI_05 :

GPI_06 :

GPI_07 :

GPO

GPO_00 : ☐

GPO_01 : ☐

GPO_02 : ☐

GPO_03 : ☐

1. GPO_04 : ☒

GPO_05 : ☒

~~GPO_06 : ☒~~

~~GPO_07 : ☒~~

2. Apply

GetLevel

Get Level by bank



**Thank
You**

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