|  |  |
| --- | --- |
| **Name:** | Copy\_u8SwPinId |
| **Type:** | u8 |
| **Range:** | {DIO\_u8Pin\_0 : DIO\_u8Pin\_31} |
| **Configuration Type:** | Pre compile |
| **Description:** | Specify the pin Id |

|  |  |
| --- | --- |
| **Name:** | Copy\_u8SwPinVal |
| **Type:** | u8 |
| **Range:** | DIO\_u8HIGH  DIO\_u8LOW |
| **Configuration Type:** | Pre compile |
| **Description:** | Specify the pin value |

|  |  |
| --- | --- |
| **Name:** | Copy\_u8SwPinVal |
| **Type:** | u8 |
| **Range:** | DIO\_u8HIGH  DIO\_u8LOW |
| **Configuration Type:** | Pre compile |
| **Description:** | Specify the pin value |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Function name: | Dio\_vidSetPinVal | | | |
| Arguments: | Input | Copy\_u8SwPinId | | u8 |
|  |  | Specify the pin id | | |
|  | Output | Copy\_u8SwPinVal | | u8 |
|  | Specify the pin value | | |
|  | Input/Output | -- | | |
|  |
| Return | E\_OK | 0 | | |
|  | E\_NOK | 1 | | |
| Description: | Change the SW pin value High/Low | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Function name: | Dio\_u8GetPinVal | | | |
| Arguments: | Input | Copy\_u8SwPinId | | u8 |
|  |  | Specify the pin value | | |
|  | Output | -- | | -- |
|  |  | | |
|  | Input/Output | -- | | |
|  |
| Return | -- | -- | | |
|  | E\_NOK | 1 | | |
| Description: | Read the SW pin value | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Function name: | Dio\_u8GetTogglePin | | | |
| Arguments: | Input | Copy\_u8SwPinId | | u8 |
|  |  | Specify the pin value | | |
|  | Output | -- | | -- |
|  |  | | |
|  | Input/Output | Copy\_pu8SwPinVal  Pointer specify the pin value | | |
|  |
| Return | E\_OK | 0 | | |
|  | E\_NOK | 1 | | |
| Description: | Toggle the SW pin value | | | |