**[0x40A2]FnInversion**

fnInversionState, fnInversionDefaultState = [0]GetGlobalFnInversion()

fnInversionState, fnInversionDefaultState = [1]SetGlobalFnInversion(fnInversionState)

GetGlobalFnInversion

**Summary**

Returns the Fn Inversion state (common for all keys)

to know if a key is "toggleable" see the

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| --- |
| Affected by FnToggle:  0: NO  1: YES |

bit field in 0x1B0x KBD reprogrammable Keys and MSE buttons

feature

When Fn Inversion is ON pressing Fn+Fkey outputs Fkey and pressing a Fkey by itself performs the special function.

When Fn Inversion is OFF pressing Fn+FKey performs the special function and pressing a Fkey by itself outputs the Fkey.

**Parameters**

none

**Returns**

fnInversionState [1bit] 0=Fn Inversion Off, 1=Fn Inversion On

fnInversionDefaultState[1bit] 0=Fn Inversion Off by default, 1=Fn Inversion On by default

**Errors**

No specific error

SetGlobalFnInversion

**Summary**

Sets the Fn Inversion state (for all keys)

**Parameters**

fnInversionState [1bit] 0=Fn Inversion Off, 1=Fn Inversion On

**Returns**

fnInversionState [1bit] 0=Fn Inversion Off, 1=Fn Inversion On

fnInversionDefaultState [1bit] 0=Fn Inversion Off by default, 1=Fn Inversion On by default

**Errors**

No specific error

**Request**

| 0 | 1 | 2 |
| --- | --- | --- |
| fnInversionState | N/A | |

**Response**

| 0 | 1 | 2 |
| --- | --- | --- |
| fnInversionState | fnInversionDefaultState | N/A |

**SW Response Error Exception**

Written fnInversionState does not match read back fnInversionState