**Specification**

USPD: US.ECO.00022-01 90

Component: IEcoIPCC.Mailbox1

UGUID:

Status: Draft

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|  |  |
| --- | --- |
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1. **Overview**

This document describes the requirements for the implementation of the Eco.IPCC.Mailbox1 component. (component)

* 1. **Introduction**

Description.

* 1. **Note**
* Keywords
  1. **Links**

This paragraph contains links to information to help you understand this document:

[] – name of the link

Available by: http://address

1. **Eco.IPCC.Mailbox1 Component**

The Eco.IPCC.Mailbox1 component is

The component has the following description:

1. **IEcoIPCCMailbox1 Interface**
   1. **IEcoIPCCMailbox1 IDL**

|  |
| --- |
| **ECO IDL** |
| import "IEcoBase1.idl" | | | |
| [  object,  uguid(669CE664-EF34-4967-A524-55CD22D78C56),  ] | | | |
| interface IEcoIPCCMailbox1 : IEcoUnknown { | | | |
|  | | | |
| ECO\_MB\_LINEAR\_ADDRESS\_t | | ***get\_MappedAddress*** | (); |
|  | |  |  |
| void | | ***set\_MappedAddress*** | ([in] ECO\_MB\_LINEAR\_ADDRESS\_t address); |
|  | |  |  |
| uint32\_t | | ***Read*** | ([in] uint8\_t channel); |
|  | |  |  |
| void | | ***Write*** | ([in] uint8\_t channel,  [in] uint32\_t data); |
|  | |  |  |
| int16\_t | | ***ProcessingByArgs*** | ([in] uint8\_t channel,  [out] uint32\_t\* buffer,  [in] uint32\_t size,  ...); |
|  | |  |  |
| } | |  |  |

* + 1. **get\_MappedAddress function**

The function

* + 1. **set\_MappedAddress function**

The function

* + 1. **Read function**

The function

* + 1. **Write function**

The function

* + 1. **ProcessingByArgs function**

The function

1. **IEcoIPCCMailbox1BCM283x** **Interface**
   1. **IEcoIPCCMailbox1BCM283x IDL**

|  |
| --- |
| **ECO IDL** |
| import "IEcoBase1.idl" | | | |
| [  object,  uguid(),  ] | | | |
| interface : { | | | |
|  | | | |
|  | |  |  |
|  | | | |
|  | |  |  |
|  | |  |  |
|  | |  |  |
|  | | | |
| } | |  |  |

* + 1. **function**

The function

1. **Error codes**

The following table contains the error codes.

|  |  |  |
| --- | --- | --- |
| **Error code** | **Value** | **Description** |
| ERR\_ECO\_SUCCESES | 0x0000 | Operation successful. |
| ERR\_ECO\_UNEXPECTED | 0xFFFF | Unexpected condition. |
| ERR\_ECO\_POINTER | 0xFFEE | NULL was passed incorrectly for a pointer value. |
| ERR\_ECO\_NOINTERFACE | 0xFFED | No such interface supported. |
| ERR\_ECO\_COMPONENT\_NOTFOUND | 0xFFE9 | The component was not found. |
|  |  |  |
|  |  |  |

# **Appendix A: Training programs**