Appendix-A Error messages

Hardware manual

www.pinetek-networks.com

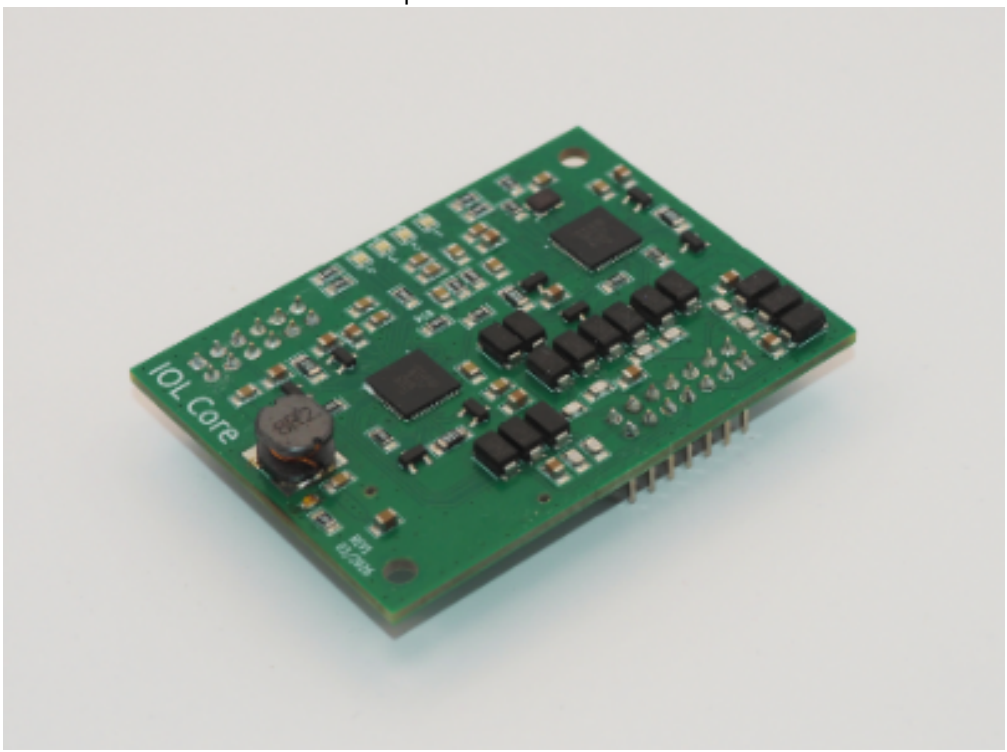


Table of Contents

Appendix-A Error messages 5

Appendix-A Error messages

The following extended Error Messages are defined (see iolink.h in application source code):

```
  IOLINK_SMI_ERRORTYPE_NONE = 0x0000,

  /* Table C.1 ErrorTypes */
  IOLINK_SMI_ERRORTYPE_APP_DEV               = 0x8000,
  IOLINK_SMI_ERRORTYPE_IDX_NOTAVAIL          = 0x8011,
  IOLINK_SMI_ERRORTYPE_SUBIDX_NOTAVAIL       = 0x8012,
  IOLINK_SMI_ERRORTYPE_SERV_NOTAVAIL         = 0x8020,
  IOLINK_SMI_ERRORTYPE_SERV_NOTAVAIL_LOCCTRL = 0x8021,
  IOLINK_SMI_ERRORTYPE_SERV_NOTAVAIL_DEVCTRL = 0x8022,
  IOLINK_SMI_ERRORTYPE_IDX_NOT_ACCESSIBLE    = 0x8023,
  IOLINK_SMI_ERRORTYPE_PAR_VALOUTOFRNG       = 0x8030,
  IOLINK_SMI_ERRORTYPE_PAR_VALGTLIM          = 0x8031,
  IOLINK_SMI_ERRORTYPE_PAR_VALLTLIM          = 0x8032,
  IOLINK_SMI_ERRORTYPE_VAL_LENOVRRUN         = 0x8033, /* Also in C.2 */
  IOLINK_SMI_ERRORTYPE_VAL_LENUNDRUN         = 0x8034,
  IOLINK_SMI_ERRORTYPE_FUNC_NOTAVAIL         = 0x8035,
  IOLINK_SMI_ERRORTYPE_FUNC_UNAVAILTEMP      = 0x8036,
  IOLINK_SMI_ERRORTYPE_PAR_SETINVALID        = 0x8040,
  IOLINK_SMI_ERRORTYPE_PAR_SETINCONSIST      = 0x8041,
  IOLINK_SMI_ERRORTYPE_APP_DEVNOTRDY         = 0x8082,
  IOLINK_SMI_ERRORTYPE_UNSPECIFIC            = 0x8100,

  /* Table C.2 Derivced ErrorTypes */
  IOLINK_SMI_ERRORTYPE_COM_ERR           = 0x1000,
  IOLINK_SMI_ERRORTYPE_I_SERVICE_TIMEOUT = 0x1100,
  IOLINK_SMI_ERRORTYPE_M_ISDU_CHECKSUM   = 0x5600,
  IOLINK_SMI_ERRORTYPE_M_ISDU_ILLEGAL    = 0x5700,

  /* Table C.3 SMI related ErrorTypes */
  IOLINK_SMI_ERRORTYPE_ARGBLOCK_NOT_SUPPORTED   = 0x4001,
  IOLINK_SMI_ERRORTYPE_ARGBLOCK_INCONSISTENT    = 0x4002,
  IOLINK_SMI_ERRORTYPE_DEV_NOT_ACCESSIBLE       = 0x4003,
  IOLINK_SMI_ERRORTYPE_SERVICE_NOT_SUPPORTED    = 0x4004,
  IOLINK_SMI_ERRORTYPE_DEV_NOT_IN_OPERATE       = 0x4005,
  IOLINK_SMI_ERRORTYPE_MEMORY_OVERRUN           = 0x4006,
  IOLINK_SMI_ERRORTYPE_PORT_NUM_INVALID         = 0x4011,
  IOLINK_SMI_ERRORTYPE_ARGBLOCK_LENGTH_INVALID  = 0x4034,
  IOLINK_SMI_ERRORTYPE_SERVICE_TEMP_UNAVAILABLE = 0x4036,
```