

## sdiprotocol.h

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```
1  6  #ifndef _SDIPROTOCOL_H_ 7  #define _SDIPROTOCOL_H_ 8
  9  #ifdef __cplusplus 10 extern "C" { 11 #endif 12 16
  #define SDI_PROTOCOL_ERR_IO -1 17
  #define SDI_PROTOCOL_ERR_CONCURRENT_USE -2 18
  #define SDI_PROTOCOL_ERR_CONNECT -3 19
  #define SDI_PROTOCOL_ERR_OVERFLOW -4 20
  #define SDI_PROTOCOL_ERR_PARAM -5 21
  #define SDI_PROTOCOL_ERR_OTHER -6 22
  #define SDI_PROTOCOL_ERR_NO_RECEIVE -7 23 26 30
  #define SDI_PROTOCOL_INIT_OPT_TRACE_EMV_CBK 0x01 31
  #define SDI_PROTOCOL_INIT_OPT_TRACE_SYSLOG 0x02 32
  #define SDI_PROTOCOL_INIT_OPT_TRACE_ADK_LOG 0x04 33 35
  36
/*****
  60 int SDI_ProtocolInit(unsigned options, const char *settings); 61
  62
/*****
  74 int SDI_Send(const unsigned char *data, int dataLength); 75
  76
/*****
  88 int SDI_Receive(unsigned char *responseBuffer, int
responseBufferSize); 89 90
/*****
 104 int SDI_SendReceive(const unsigned char *data, int
dataLength, unsigned char *responseBuffer, int responseBufferSize); 105
 115 unsigned char* SDI_GetStoredResponse(unsigned *dataLen); 116
 117
/*****
 127 int SDI_Disconnect(void); 128 130
  typedef void (*SDI_DATA_AVAILABLE_CALLBACK_TYPE)(void *context); 131
  132
/*****
 142 int
SDI_SetDataAvailableCallback(SDI_DATA_AVAILABLE_CALLBACK_TYPE cb, void *context);
143 151
  typedef void (*SDI_CALLBACK_TYPE)(unsigned char *dataIn, unsigned short size);
152 153
/*****
 161 int SDI_SetSdiCallback(SDI_CALLBACK_TYPE cb, void *context); 162
  168
  typedef void (*CARD_DETECTED_CALLBACK_TYPE)(unsigned char *dataIn, unsigned
```

```

169Â      170Â
/*****
    178Â      int
    SDI_SetCardDetectedCallback(CARD_DETECTED_CALLBACK_TYPE cb, void *context);
179Â      180Â
/*****
    188Â      void SDI_SendSysAbort(void); 189Â      190Â
/*****
    197Â      void SDI_SendExternalButton(void); 198Â      202
Â      typedef void (*EOF_DETECTED_CALLBACK_TYPE)(void *context); 203Â      204
Â
/*****
    213Â      int
    SDI_SetEOFDetectedCallback(EOF_DETECTED_CALLBACK_TYPE cb, void *context);
214Â      215Â
/*****
    225Â      int SDI_SetLoggingCallback(void (*cb)(const
    char*, void*), void* context); 226Â      227Â      228Â      #ifdef __cplusplus
229Â } 230Â #endif 231Â      232Â #endif // _SDIPROTOCOL_H_

```