

USB data

Cypress EZ-USB FX2 GPIF to Ext FIFO Example using Single Transactions - Slave FX2LP

```
[21] URB_FUNCTION_GET_DESCRIPTOR_FROM_DEVICE (SUCCESS/0x00000000) 20120411175755.774 (+
Index: 01)
Descriptor type: 01 (USB_DEVICE_DESCRIPTOR_TYPE)
LanguageId: 0000
Transfer buffer length: 18

[21] URB_FUNCTION_CONTROL_TRANSFER (SUCCESS/0x00000000) 20120411175755.775 (+1)
IRP status: 0x00000000 (STATUS_SUCCESS)
Pipe handle: 0x082B35D0
Transfer flags: 0x0000000B (USBD_TRANSFER_DIRECTION_IN, USBD_SHORT_TRANSFER_OK)
Transfer buffer length: 18
Bytes transferred
0x0000: 12 01 00 02 00 00 00 40 B4 04 08 20 00 00 01 02 (.....@'.. ....)

[22] URB_FUNCTION_GET_DESCRIPTOR_FROM_DEVICE (SUCCESS/0x00000000) 20120411175755.776 (+1)
Index: 00
Descriptor type: 03 (USB_STRING_DESCRIPTOR_TYPE)
LanguageId: 0000
Transfer buffer length: 2

[22] URB_FUNCTION_CONTROL_TRANSFER (SUCCESS/0x00000000) 20120411175755.777 (+1)
IRP status: 0x00000000 (STATUS_SUCCESS)
Pipe handle: 0x082B35D0
Transfer flags: 0x0000000B (USBD_TRANSFER_DIRECTION_IN, USBD_SHORT_TRANSFER_OK)
Transfer buffer length: 2
Bytes transferred
0x0000: 04 03 (.. )

[23] URB_FUNCTION_GET_DESCRIPTOR_FROM_DEVICE (SUCCESS/0x00000000) 20120411175755.777 (+0)
Index: 00
Descriptor type: 03 (USB_STRING_DESCRIPTOR_TYPE)
LanguageId: 0000
Transfer buffer length: 4

[23] URB_FUNCTION_CONTROL_TRANSFER (SUCCESS/0x00000000) 20120411175755.777 (+0)
IRP status: 0x00000000 (STATUS_SUCCESS)
Pipe handle: 0x082B35D0
Transfer flags: 0x0000000B (USBD_TRANSFER_DIRECTION_IN, USBD_SHORT_TRANSFER_OK)
Transfer buffer length: 4
Bytes transferred
0x0000: 04 03 09 04 (.... )

[24] URB_FUNCTION_GET_DESCRIPTOR_FROM_DEVICE (SUCCESS/0x00000000) 20120411175755.778 (+1)
Index: 01
Descriptor type: 03 (USB_STRING_DESCRIPTOR_TYPE)
LanguageId: 0409
Transfer buffer length: 2

[24] URB_FUNCTION_CONTROL_TRANSFER (SUCCESS/0x00000000) 20120411175755.779 (+1)
IRP status: 0x00000000 (STATUS_SUCCESS)
Pipe handle: 0x082B35D0
Transfer flags: 0x0000000B (USBD_TRANSFER_DIRECTION_IN, USBD_SHORT_TRANSFER_OK)
Transfer buffer length: 2
Bytes transferred
0x0000: 10 03 (.. )

[25] URB_FUNCTION_GET_DESCRIPTOR_FROM_DEVICE (SUCCESS/0x00000000) 20120411175755.779 (+0)
Index: 01
Descriptor type: 03 (USB_STRING_DESCRIPTOR_TYPE)
LanguageId: 0409
Transfer buffer length: 16

[25] URB_FUNCTION_CONTROL_TRANSFER (SUCCESS/0x00000000) 20120411175755.779 (+0)
IRP status: 0x00000000 (STATUS_SUCCESS)
Pipe handle: 0x082B35D0
Transfer flags: 0x0000000B (USBD_TRANSFER_DIRECTION_IN, USBD_SHORT_TRANSFER_OK)
```

Transfer buffer length: 16
Bytes transferred
0x0000: 10 03 43 00 79 00 70 00 72 00 65 00 73 00 73 00 (...C.y.p.r.e.s.s.)

[26] URB_FUNCTION_GET_DESCRIPTOR_FROM_DEVICE (SUCCESS/0x00000000) 20120411175755.779 (+0)
Index: 02
Descriptor type: 03 (USB_STRING_DESCRIPTOR_TYPE)
LanguageId: 0409
Transfer buffer length: 2

[26] URB_FUNCTION_CONTROL_TRANSFER (SUCCESS/0x00000000) 20120411175755.780 (+1)
IRP status: 0x00000000 (STATUS_SUCCESS)
Pipe handle: 0x082B35D0
Transfer flags: 0x0000000B (USBD_TRANSFER_DIRECTION_IN, USBD_SHORT_TRANSFER_OK)
Transfer buffer length: 2
Bytes transferred
0x0000: 7C 03 (|.)

[27] URB_FUNCTION_GET_DESCRIPTOR_FROM_DEVICE (SUCCESS/0x00000000) 20120411175755.780 (+0)
Index: 02
Descriptor type: 03 (USB_STRING_DESCRIPTOR_TYPE)
LanguageId: 0409
Transfer buffer length: 124

[27] URB_FUNCTION_CONTROL_TRANSFER (SUCCESS/0x00000000) 20120411175755.780 (+0)
IRP status: 0x00000000 (STATUS_SUCCESS)
Pipe handle: 0x082B35D0
Transfer flags: 0x0000000B (USBD_TRANSFER_DIRECTION_IN, USBD_SHORT_TRANSFER_OK)
Transfer buffer length: 124
Bytes transferred
0x0000: 7C 03 45 00 5A 00 2D 00 55 00 53 00 42 00 20 00 (|.E.Z.-.U.S.B. .)

[28] URB_FUNCTION_GET_DESCRIPTOR_FROM_DEVICE (SUCCESS/0x00000000) 20120411175755.785 (+5)
Index: 00
Descriptor type: 02 (USB_CONFIGURATION_DESCRIPTOR_TYPE)
LanguageId: 0000
Transfer buffer length: 9

[28] URB_FUNCTION_CONTROL_TRANSFER (SUCCESS/0x00000000) 20120411175755.785 (+0)
IRP status: 0x00000000 (STATUS_SUCCESS)
Pipe handle: 0x082B35D0
Transfer flags: 0x0000000B (USBD_TRANSFER_DIRECTION_IN, USBD_SHORT_TRANSFER_OK)
Transfer buffer length: 9
Bytes transferred
0x0000: 09 02 20 00 01 01 00 A0 32 (... 2)

[29] URB_FUNCTION_GET_DESCRIPTOR_FROM_DEVICE (SUCCESS/0x00000000) 20120411175755.785 (+0)
Index: 00
Descriptor type: 02 (USB_CONFIGURATION_DESCRIPTOR_TYPE)
LanguageId: 0000
Transfer buffer length: 32

[29] URB_FUNCTION_CONTROL_TRANSFER (SUCCESS/0x00000000) 20120411175755.785 (+0)
IRP status: 0x00000000 (STATUS_SUCCESS)
Pipe handle: 0x082B35D0
Transfer flags: 0x0000000B (USBD_TRANSFER_DIRECTION_IN, USBD_SHORT_TRANSFER_OK)
Transfer buffer length: 32
Bytes transferred
0x0000: 09 02 20 00 01 01 00 A0 32 09 04 00 00 02 FF 00 (... 2.....ÿ.)

[30] URB_FUNCTION_BULK_OR_INTERRUPT_TRANSFER (SUCCESS/0x00000000) 20120411175824.050 (+28265)
Pipe handle: 0x0872C138
Transfer flags: 0x00000000 (USBD_SHORT_TRANSFER_OUT)
Transfer buffer MDL: 0x03FCF0B0
Transfer buffer length: 256
Bytes transferred
0x0000: 00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F (.....)

[30] URB_FUNCTION_BULK_OR_INTERRUPT_TRANSFER (SUCCESS/0x00000000) 20120411175824.050 (+0)
IRP status: 0x00000000 (STATUS_SUCCESS)
Pipe handle: 0x0872C138