

F767 USBX CDC ACM Loopback startup USB capture

Sp	Index	m:s.ms.us	Len	Err	Dev	Ep	Record	Summary
	0	0:00.000.000					Capture started (Aggregate)	[12/11/23 17:05:59]
FS	5	0:25.587.634	18 B		00	00	> Get Device Descriptor	Index=0 Length=64
FS	21	0:25.618.543	0 B		00	00	> Set Address	Address=02
FS	31	0:25.631.106	18 B		02	00	> Get Device Descriptor	Index=0 Length=18
FS	45	0:25.631.929	75 B		02	00	> Get Configuration Descriptor	Index=0 Length=255
FS	64	0:25.641.334	22 B		02	00	> Get String Descriptor	Index=3 Length=255
FS	78	0:25.641.669	4 B		02	00	> Get String Descriptor	Index=0 Length=255
FS	92	0:25.641.978	44 B		02	00	> Get String Descriptor	Index=2 Length=255
FS	106	0:25.662.386	18 B		02	00	> Get Device Descriptor	Index=0 Length=18
FS	120	0:25.662.645	9 B		02	00	> Get Configuration Descriptor	Index=0 Length=9
FS	134	0:25.662.893	75 B		02	00	> Get Configuration Descriptor	Index=0 Length=75
FS	153	0:25.663.271	75 B		02	00	> Get Configuration Descriptor	Index=0 Length=265
FS	172	0:25.663.544	0 B		02	00	> Set Configuration	Configuration=1
FS	182	0:25.667.674	7 B		02	00	> Get Line Coding	115200bps 8N1.5
FS	196	0:25.667.897	0 B		02	00	> Set Control Line State	
FS	206	0:25.668.355	7 B		02	00	> Set Line Coding	115200bps 8N1.5
FS	225	0:25.668.649	7 B		02	00	> Get Line Coding	115200bps 8N1.5
FS	239	0:25.680.618	9 B		02	00	> Get Configuration Descriptor	Index=0 Length=9
FS	253	0:25.681.149	75 B		02	00	> Get Configuration Descriptor	Index=0 Length=75
FS	271	0:25.681.802	4 B		02	00	> Get String Descriptor	Index=0 Length=255
FS	285	0:25.682.303	38 B		02	00	> Get String Descriptor	Index=1 Length=255
FS	299	0:25.682.513	9 B		02	00	> Get Configuration Descriptor	Index=0 Length=9
FS	313	0:25.682.773	9 B		02	00	> Get Configuration Descriptor	Index=0 Length=9
FS	327	0:25.683.329	44 B		02	00	> Get String Descriptor	Index=2 Length=255
FS	341	0:25.683.808	22 B		02	00	> Get String Descriptor	Index=3 Length=255
FS	355	0:25.684.345	75 B		02	00	> Get Configuration Descriptor	Index=0 Length=75
FS	374	0:25.684.786	75 B		02	00	> Get Configuration Descriptor	Index=0 Length=75
FS	393	0:25.685.147	4 B		02	00	> Get String Descriptor	Index=0 Length=255
FS	407	0:25.685.471	4 B		02	00	> Get String Descriptor	Index=0 Length=255
FS	421	0:25.685.902	38 B		02	00	> Get String Descriptor	Index=1 Length=255
FS	435	0:25.686.274	38 B		02	00	> Get String Descriptor	Index=1 Length=255
FS	449	0:25.686.623	44 B		02	00	> Get String Descriptor	Index=2 Length=255
FS	463	0:25.686.979	44 B		02	00	> Get String Descriptor	Index=2 Length=255
FS	477	0:25.689.108	22 B		02	00	> Get String Descriptor	Index=3 Length=255
FS	491	0:25.689.686	22 B		02	00	> Get String Descriptor	Index=3 Length=255
	505	0:34.943.795					Capture stopped	[12/11/23 17:06:34]

F767 Device Configuration

Navigator		Txns	Bytes
Description			
Universal Serial Bus			
USB 2.0			106
> Unconfigured Device (0) (BusIdx:0)			5
STM32 Virtual ComPort (2) (BusIdx:1)			101
Default Endpoint (EP 0)			101
Cfg 1, Self Powered, 50mA			0
IF 0 (alt 0), CDC Ctrl, Abstract Control Model, AT Commands: V.2...			0
EP 2 IN, Intr, 8B			0
IF 1 (alt 0), CDC Data, 0, No class specific protocol required			0
EP 1 OUT, Bulk, 64B			0
EP 1 IN, Bulk, 64B			0
USB 3.0			0

F767 Data when terminal program attempts to connect

Error T is “Capture for transaction timed out while waiting for additional data.”

Sp	Index	m:s.ms.us	Len	Err	Dev	Ep	Record	Summary
	0	0:00.000.000					Capture started (Aggregate)	[12/11/23 17:11:14]
FS	3	0:10.493.298	7 B		02	00	Get Line Coding	115200bps 8N1.5
FS	17	0:10.493.560	7 B		02	00	Get Line Coding	115200bps 8N1.5
FS	31	0:10.493.823	7 B		02	00	Set Line Coding	115200bps 8N1.5
FS	50	0:10.494.035	7 B		02	00	Get Line Coding	115200bps 8N1.5
FS	64	0:10.494.327	0 B		02	00	Set Control Line State	
FS	74	0:10.494.527	7 B		02	00	Set Line Coding	115200bps 8N1
FS	93	0:10.494.642	7 B		02	00	Get Line Coding	115200bps 8N1
FS	107	0:10.494.977	7 B		02	00	Get Line Coding	115200bps 8N1
FS	121	0:10.495.217	7 B		02	00	Get Line Coding	115200bps 8N1
FS	135	0:10.495.416	7 B		02	00	Set Line Coding	115200bps 8N1
FS	154	0:10.495.640	7 B		02	00	Get Line Coding	115200bps 8N1
FS	168	0:10.495.782	0 B		02	00	Set Control Line State	
FS	178	0:10.495.935	7 B		02	00	Set Line Coding	115200bps 8N1
FS	197	0:10.496.217	7 B		02	00	Get Line Coding	115200bps 8N1
FS	211	0:10.493.236	1.99 s		02	01	[167085 IN-NAK]	[Periodic Timeout]
FS	212	0:10.495.211	1.99 s		02	02	[500 IN-NAK]	[Periodic Timeout]
FS	213	0:10.496.496	8 B	T	02	00	SETUP txn	A1 21 00 00 00 00 07 00
FS	214	0:10.496.496	3 B		02	00	SETUP packet	2D 02 A9
FS	215	0:10.496.499	11 B		02	00	DATA0 packet	C3 A1 21 00 00 00 00 07 00 47 72
FS	216	0:10.496.507	1 B		02	00	ACK packet	D2
FS	217	0:10.496.515	1.99 s		02	00	[167328 IN-NAK]	[Periodic Timeout]
FS	218	0:12.493.236	1.99 s		02	01	[167417 IN-NAK]	[Periodic Timeout]
FS	219	0:12.495.470	1.99 s		02	02	[500 IN-NAK]	[Periodic Timeout]
FS	220	0:12.496.520	1.99 s		02	00	[167571 IN-NAK]	[Periodic Timeout]
FS	221	0:14.493.233	1.99 s		02	01	[167292 IN-NAK]	[Periodic Timeout]
FS	222	0:14.495.729	1.99 s		02	02	[500 IN-NAK]	[Periodic Timeout]
FS	223	0:14.496.521	1.99 s		02	00	[167472 IN-NAK]	[Periodic Timeout]
FS	224	0:16.496.525	1.55 s		02	00	[129052 IN-NAK]	
FS	225	0:16.493.237	1.55 s		02	01	[129216 IN-NAK]	
FS	226	0:16.495.988	1.55 s		02	02	[389 IN-NAK]	
	227	0:18.050.423					Capture stopped	[12/11/23 17:11:33]