

# USB device details

## Atmel Corp. at90usbkey sample firmware (CDC ACM) - AT90USBxxx CDC USB to UART MGM

**File:** \\?\USB#Vid\_03eb&Pid\_2018#5&2bbacd27&0&1#{a5dcbf10-6530-11d2-901f-00c04fb951ed}  
**Driver key name:** {4D36E978-E325-11CE-BFC1-08002BE10318}\0003  
**Device instance ID:** USB\VID\_03EB&PID\_2018\5&2BBACD27&0&1  
**Device hardware ID:** USB\vid\_03eb&pid\_2018&rev\_1000  
**Device service:** usbser  
**Device friendly name:** AT90USBxxx CDC USB to UART MGM (COM7)  
**Device location:** USB Device  
**Device physical object name:** \Device\USBPDO-12

### Device descriptor

**USB:** 0x0101  
**Device class:** 0x02  
**Device subclass:** 0x00  
**Device protocol:** 0x00  
**Max packet size:** 0x40 (64)  
**Vendor:** 0x03EB (Atmel Corp.)  
**Product ID:** 0x2018 (at90usbkey sample firmware (CDC ACM))  
**Device ID:** 0x1000  
**Manufacturer:** 0x00 (Atmel Corp.)  
**Product:** 0x00 (at90usbkey sample firmware (CDC ACM))  
**Serial number ID:** 0x00  
**Number of configurations:** 1  
**Connection status:** Device connected  
**Current config value:** 0x01  
**Device bus speed:** Full (USB 1.1, 12 Mbit/s)  
**Device address:** 0x01  
**Open pipes:** 3

### Pipe information

**Endpoint address:** 0x82, Input  
**Transfer type:** Interrupt  
**Max packet size:** 0x0040 (64)  
**Interval:** 0xFF (255)

### Pipe information

**Endpoint address:** 0x01, Output  
**Transfer type:** Bulk  
**Max packet size:** 0x0040 (64)  
**Interval:** 0x00 (0)

### Pipe information

**Endpoint address:** 0x81, Input  
**Transfer type:** Bulk  
**Max packet size:** 0x0040 (64)  
**Interval:** 0x00 (0)

### Configuration descriptor

**Total length:** 0x0043  
**Number of interfaces:** 2  
**Configuration value:** 0x01  
**Configuration ID:** 0x00  
**Attributes:** 0xC0 (Bus powered, Self powered)

**Max power:** 0x32 (100 Ma)

## Interface descriptor

**Interface number:** 0x00

**Alternate setting:** 0x00

**Num of endpoints:** 1

**Interface class:** 0x02 (Communications)

**Interface subclass:** 0x02 (Abstract (modem))

**Interface protocol:** 0x00 (None)

**Interface ID:** 0x00

## Endpoint descriptor

**Endpoint address:** 0x82, Input

**Transfer type:** Interrupt

**Max packet size:** 0x0040 (64)

**Interval:** 0xFF (255)

## Header descriptor

**CDC version:** 1.10

## Call management functional descriptor

**Capabilities:** 0x03 (call management use DataInterface)

**Data interface:** 1

## ACM functional descriptor

**Capabilities:** 0x06 (sends break line coding and serial state)

## Union descriptor

**Control interface:** 0x00

**Subordinate interface #0:** 01

## Interface descriptor

**Interface number:** 0x01

**Alternate setting:** 0x00

**Num of endpoints:** 2

**Interface class:** 0x0A (CDC Data)

**Interface subclass:** 0x00 (Unused)

**Interface protocol ID:** 0x00

**Interface ID:** 0x00

## Endpoint descriptor

**Endpoint address:** 0x01, Output

**Transfer type:** Bulk

**Max packet size:** 0x0040 (64)

**Interval:** 0x00 (0)

## Endpoint descriptor

**Endpoint address:** 0x81, Input

**Transfer type:** Bulk

**Max packet size:** 0x0040 (64)

**Interval:** 0x00 (0)