

TTL ??? PIN ??

- GND, RX, TX, 3.3V (??????????AV?????)
- Baud 115200 8/N/1



????

```

???          USB to TTL ?
(???? 4P ??)    (???? 1P x3)
[GND] <-----> [GND]
[Rx]  <-----> [Tx]
[Tx]  <-----> [Rx]

```

### U-Boot

U-Boot: printenv

```

PDK7105> printenv
bootdelay=0
baudrate=115200
ethaddr=DE:EA:FF:FF:01:01
board=pdk7105
monitor_base=0xA4000000
monitor_len=0x00040000
monitor_sec=1:0-1
load_addr=0x80000000
ipaddr=192.9.150.61
serverip=192.9.150.67
bootdelay=0
update_uboot=usb start;fatload usb 0 80000000 u-boot.bin;update_spi_uboot
unprot=protect off $monitor_sec
update=erase $monitor_sec;cp.b $load_addr $monitor_base $monitor_len;protect on $monitor_sec
ethaddr=12:34:56:78:06:BD
stdin=serial
stdout=serial
stderr=serial
bootargs=console=ttyAS0,115200 root=8:2 rootfstype=ext3 rw rootflags=data=journal
nwhwconf=device:eth0,hwaddr:10:08:E2:12:06:BD phyaddr:0,watchdog:5000 mem=120M bigphysarea=2048
bootcmd=ext2load usb 0:2 80000000 vmlinux.ub; bootm 80000000

```

Environment size: 715/65532 bytes

USB ??

```

PDK7105> help usb
usb reset - reset (rescan) USB controller
usb stop [f] - stop USB [f]=force stop

```

```

usb tree - show USB device tree
usb info [dev] - show available USB devices
usb storage - show details of USB storage devices
usb dev [dev] - show or set current USB storage device
usb part [dev] - print partition table of one or all USB storage devices
usb read addr blk# cnt - read `cnt' blocks starting at block `blk#'
    to memory address `addr'

```

```
PDK7105> usb dev
```

```

USB device 0: Vendor: General Prod.: USB Flash Disk Rev: 1100
    Type: Removable Hard Disk
    Capacity: 7656.0 MiB = 7.4 GiB (15679488 x 512)

```

```
PDK7105> usb part 0
print_part of 0
```

```
Partition Map for USB device 0 -- Partition Type: DOS
```

Partition	Start Sector	Num Sectors	Type
1	19	617101	83
2	617120	617120	83
3	1234240	12585600	83
4	13819840	1802720	83

```

print_part of 1
## Unknown partition table

```

```

print_part of 2
## Unknown partition table

```

```

print_part of 3
## Unknown partition table

```

```

print_part of 4
## Unknown partition table

```

```
?????? linux kernel
```

```

setenv bootcmd 'ext2load usb 0:2 80000000 vmlinux-1.ub; bootm 80000000'
boot

```

```
TIPs?
```

```
???? linux kernel: vmlinux-1.ub ???? / ???
```

????

- [????? Linux](#)
- [?? U-boot ????](#)
- [U-Boot Documentation](#)
- [Cubieboard/TTL](#)