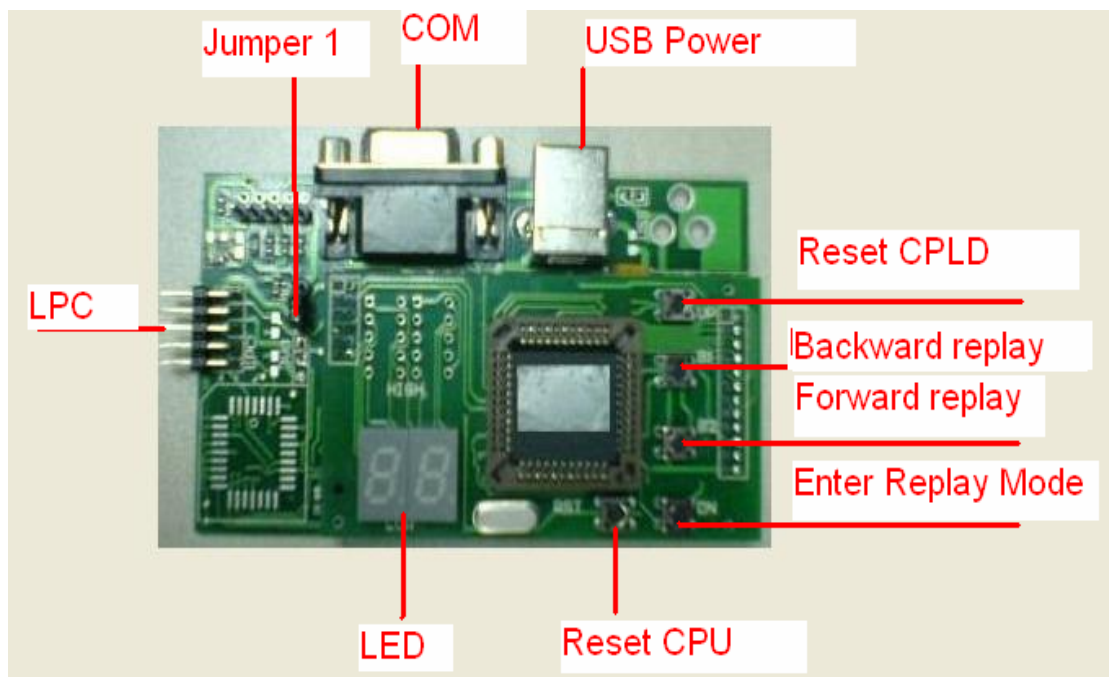




Getting Started Guide for POSTLogger -- The LPC-POST Card with POST code Logging functionality

POSTLogger Overview



Picture 1

STEP 1 : Unpack the equipment

Below items should be in your package:

- POSTLogger
- 10-Pin LPC Split cable (2.0mm or 2.54 mm)
- RS232 Cable
- USB Cable

If it's not please contact us immediately:

Flash Technology Singapore

Tel : 65-67496168

Email :sales@flashtech.com.sg

Flash Technology (HK) Limited

Tel: 852-23109662

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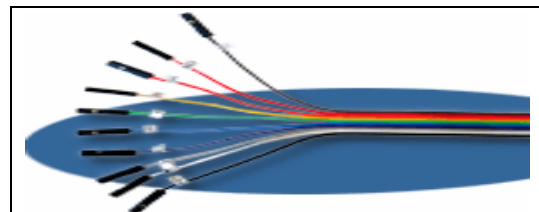
STEP 2 : Connect the POSTLogger to Target board



Picture 2

We provide either 2.0mm or 2.54mm Split LPC cable, please refer to below Table for the signal definations:

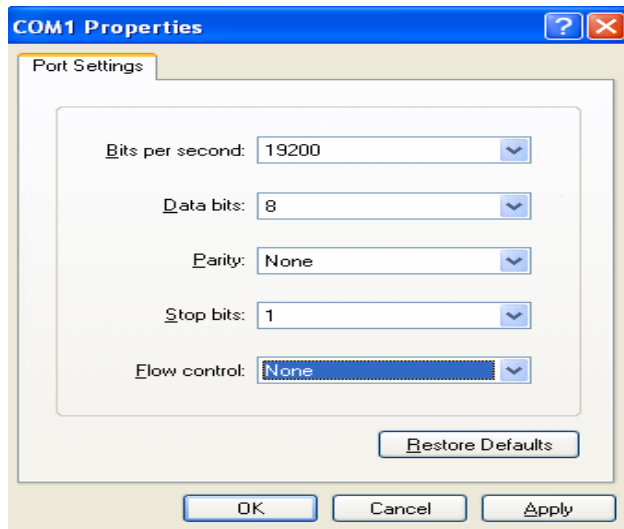
Pin1	Clock
Pin2	LAD1
Pin3	Reset
Pin4	LAD0
Pin5	Frame
Pin6	No Connection
Pin7	LAD3
Pin8	Ground
Pin9	LAD2
Pin10	+5v power supply



Red Color	Clock
Umber	LAD1
Yellow	Reset
Orange	LAD0
Blue	Ground
Green	Frame
Gray	+5v power supply
Purple	LAD3
White	LAD2

STEP 3 : Connect the POSTLogger to Host PC

POSTLogger not only can capture the POST code and display by 7-Segment LED, but also can send all of the POST code to Host PC through RS-232 interface, if you do want to use this feature please simply connect the serial port of POSTLogger to your host and launch Windows Hyper Terminal, Then set the COMx properties as shown on below picture, for more details please refer to **STEP 5.**



RS-232 Signal Defination:

Pin1	No Connection
Pin2	Transmit data
Pin3	Receive data
Pin4	No Connection
Pin5	Ground
Pin6	No Connection
Pin7	No Connection
Pin8	No Connection
Pin9	No Connection

Attention Please :: If your host PC hasn't any RS-232 interface, you can purchase below optional RS-232- USB converter from us



STEP 4 : Power On the POSTLogger



There are two different power sources can be used by POSTLogger , to avoid any conflicts to your UUT, pls make sure the Jumper 1 (As shown on Picture 1) has been set to the correct position:

Power Source	Jumper 1
USB (Default)	1--2
LPC	2--3

After confirmation of above settings, you can plug in the USB or LPC cable to POSTLogger and if you can see a lighted LED(Close to the LPC interface), then the Power works normally now. After then, please make sure you can see an “FF” on the 7-Segment LED, which indicates POSTLogger is ready for using and can start capturing the POST codes through LPC interface.

If you couldn't see "FF" after power on the POSTLogger, please

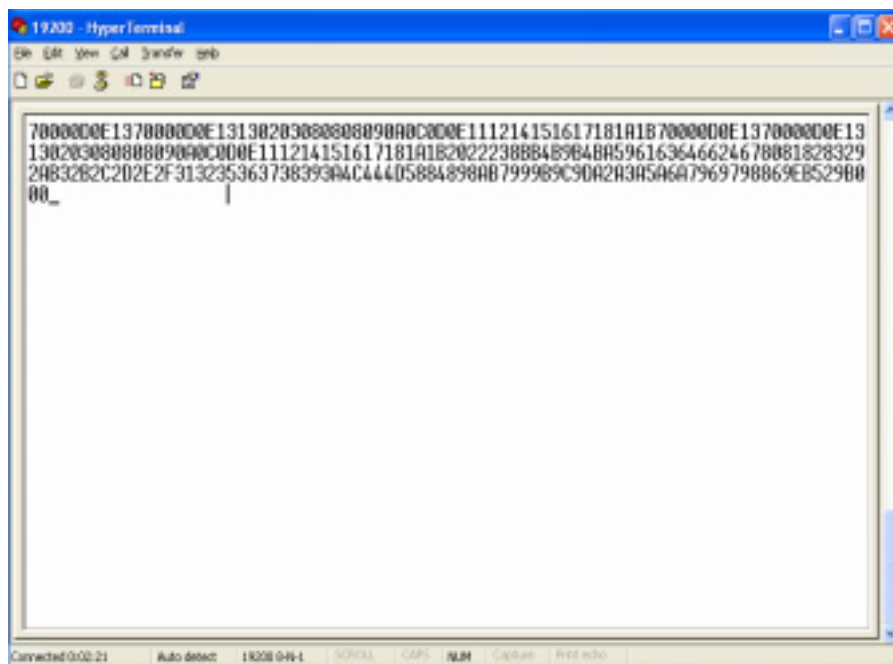
- Make sure the Power cable has been plugged in and power LED is lighted
- Otherwise Press Reset Button and wait a second.
- Or Power Cycle the POSTLogger.
- Or contact us immediately

STEP 5 : Start Working with POSTLogger

Now you can start working with POSTLogger, if you want to get all of the POST code been sent to Port 80 from target reset, please launch Windows Hyper Terminal and set the parameters as shown in above STEP 3.

To launch Windows Hyper Terminal, click “START” then point to Programs->Accessories->Communications->HyperTerminal, then following the instructions to set up a HyperTerminal session.

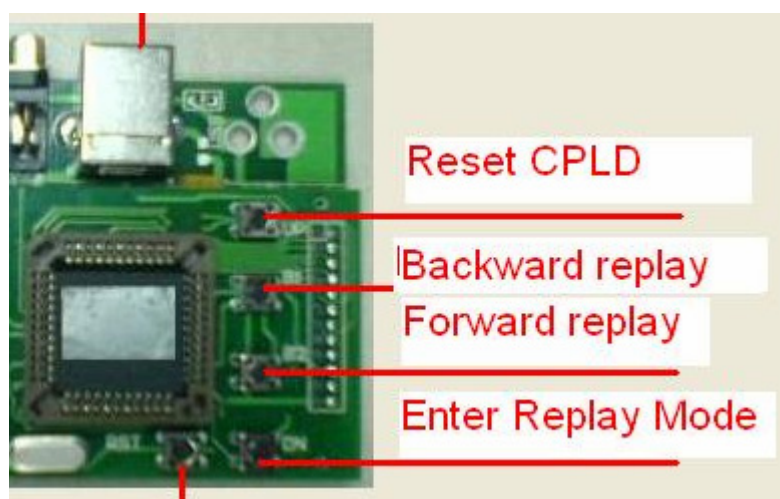
Then **POWER ON** your target board, you will see the POST Codes both from the 7-Segment LED and the Windows HyperTerminal !



Additional Usage

Sometimes maybe you forget to connect the RS232 cable to host PC or even you don't like to use an additional PC, for example, when you start a burn in progress and the amount of UUT (Unit Under Test) is a big number, you don't need to prepare the same amount of PCs, since our POSTLogger can store the POST codes to internal memory and allow you to replay them at any time if you desired.

To replay the POST codes, simply press “Enter Replay Mode” button as shown on below picture, and make sure the 7-Segment LED's display is “LB”, then you can press “Forward Replay’ or “Backward Replay’ button to forward/backward reply the POST codes, due to memory space limitation, we will not store all of the POST codes, so once there isn't any more POST codes to replay, the LED will display a “LE”, you can choose to another reverse replay or simply press “Enter Replay mode” button again to exit the post code replay mode.



Technical Support

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