

1.Operation Summary

When you input write command on teraterm, input data is stored in Flash ROM.

When you input read command on Tera Term, the data stored in Flash ROM was displayed on Tera Term.

2.Board setting

Connect the terminal on the evaluation board as follows

CN5 1-2 3-4 CN4 13-14 15-16 17-18 19-20 21-22 23-24

3.Basic Operation

It is displayed "command >" on teraterm. Please input read or write command as follow formats.

When you input write command, inputed character store in flash ROM. (address:0x00000000)

When you input read command, the data that was stored in flash ROM(address:0x00000000) was dispalyed on Tera Term.

And when you input dump command, data that was stored in flash rom display on teraterm.

• Command format :

write command

write_X

X: Arbitrary character (within 16

read command

read

damp command

xxxxxx:start address (hexadecimal:0~

FFFFFF)

damp_xxxxxx_yyyy

yyyy:display byte number (hexadecimal:0~

FFFF)

When omit start address and display byte

TMPM4G9

- UART Setting : PortE3, Baud rate115200, Data 8bit、 Parity none、 Stop Bit 1bit、 Flow Control none
- FLASH ROM : S25FL512SAGBHI310
- SMIF Channel :

SMIOD0 PK2

SMIOD1 PK3

SMIOD2 PK4

SMIOD3 PK5

SMIOSCK PK6

SMIOCS0_N PK7

4.Output Example

```
command > write testdata  
write data > tastdata
```

```
command > read  
read data > testdata
```

```
command > damp 0 20  
damp data >  
0x00000000: 74 65 73 74 64 61 74 61 00 FF FF FF FF FF FF FF
```