

# **Dediware Software User Manual For AMIC SPI NOR Flash Option Bytes**

**Version 1.0**





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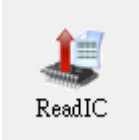
# 1 Description

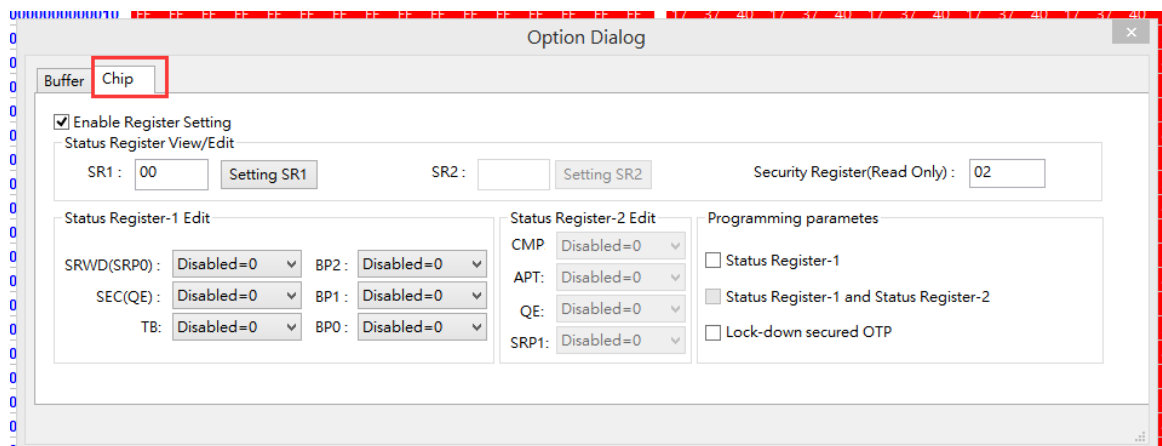
This application note illustrates how to set up Dediware for programming the AMIC SPI NOR Flash option bytes. Learn more about DediProg products and how to use them.

## 2 Read Register Value

Read IC register value by following the steps below.

1. Click **Select** button  → Select Chip

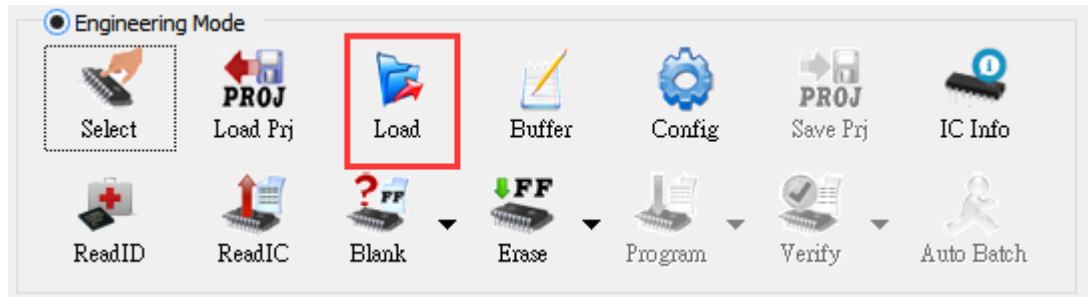
2. Click **Read IC** button 
3. Click **Config** button
4. Click **Chip**



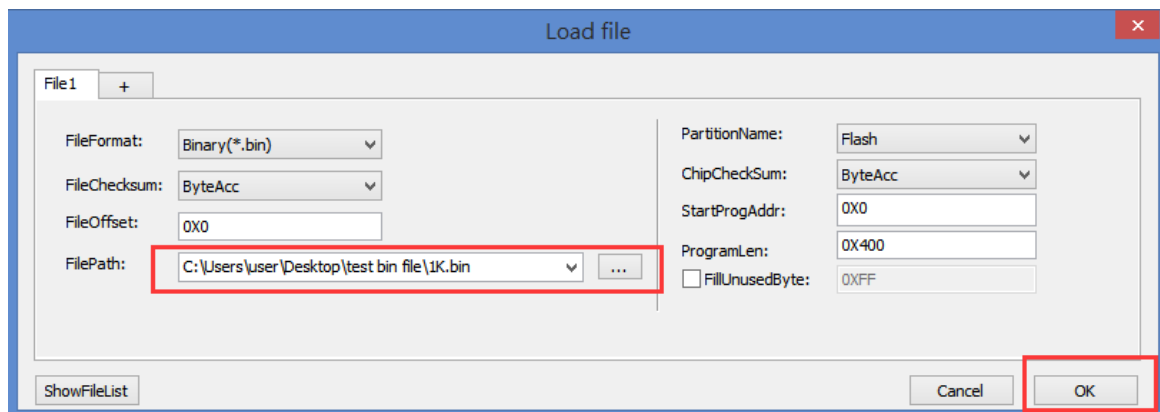
## 3 Option Bytes Setting

Please load the file before programming the register.

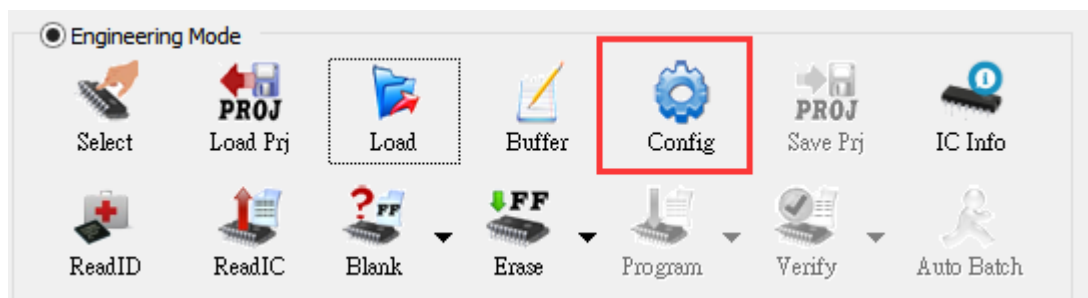
1. Click **Load** button



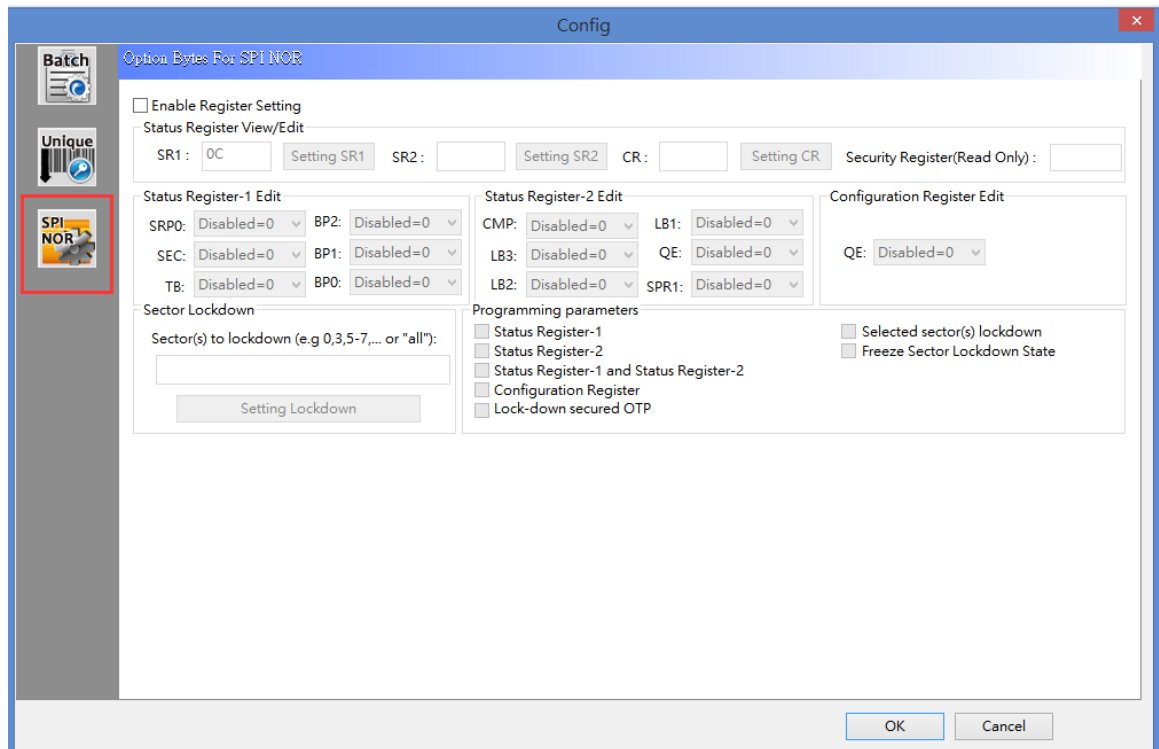
2. Load the project file→OK



3. Click **Config** button



- Click **SPI NOR** button

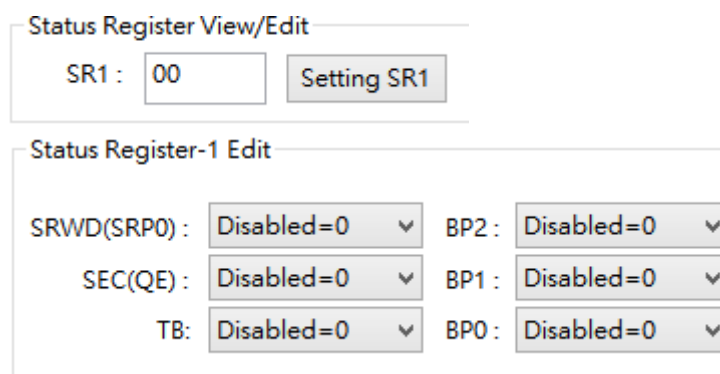


- Set up option bytes

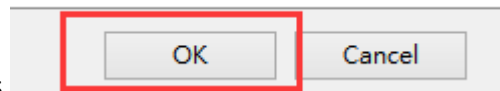
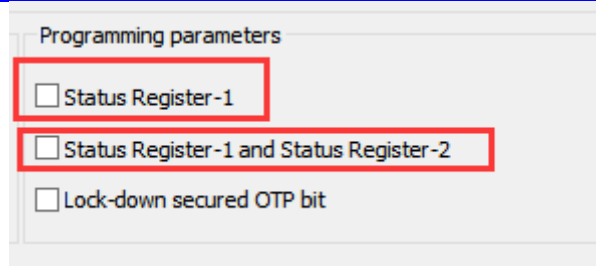
### 3.1 Status Register 1 (SR1)

**Note: Program Flash or Erase Flash will erase Status Register 1 to 00h**

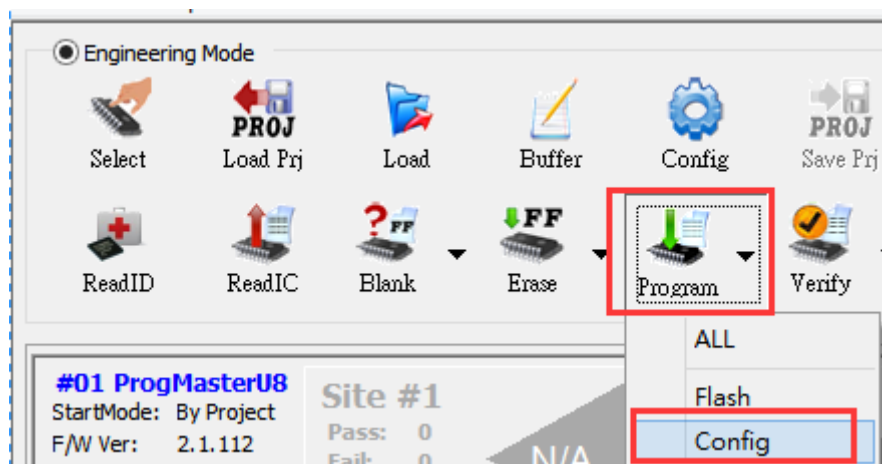
- Enter the SR1(hex)→**Setting SR1**, or select the status for each Bit in the Status Register



- Programming Parameters →Check **Status Register-1** or **Status Register-1 and Status Register-2**

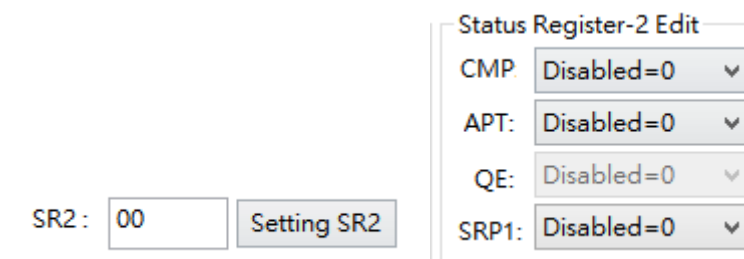


3. Click **OK** to save values
4. Click **Program** button→**Config**

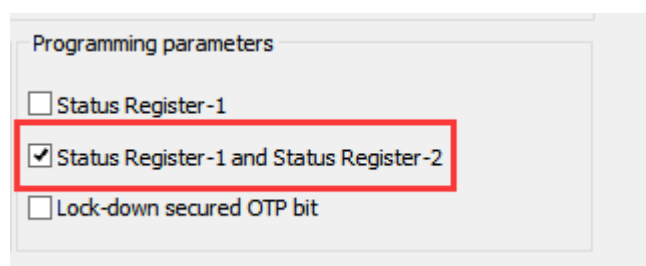


### 3.2 Status Register 2 (SR2)

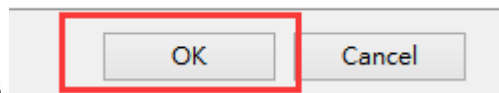
1. Enter the SR2(hex)→**Setting SR2**, or select the status for each Bit in the Status Register



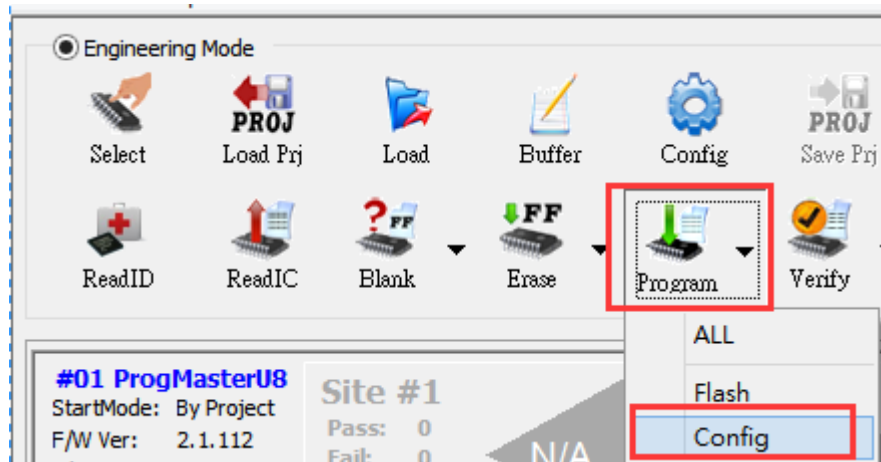
2. Programming Parameters → Check **Status Register-1 and Status Register-2**



3. Click **OK** to save the values

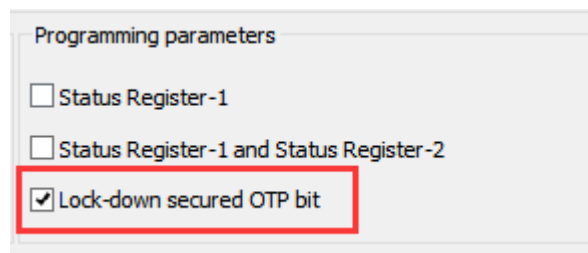


4. Click **Program** button→**Config**

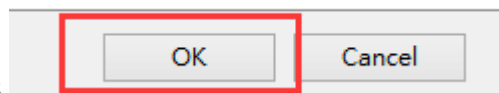


### 3.3 Lock-down secured OTP

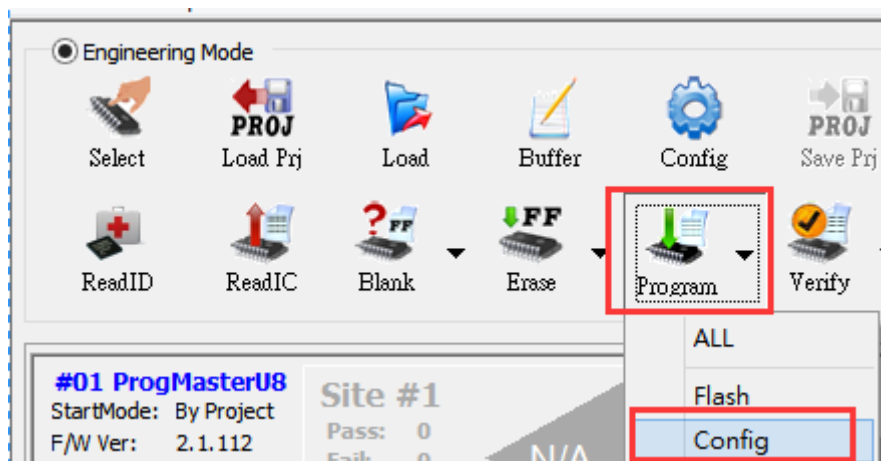
1. Programming Parameters → Check **Lock-down secured OTP**



2. Click **OK** to save the values



3. Click **Program** button→**Config**



## 4 Revision History

Date	Version	Changes
2017/01/04	1.0	Initial release

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