



INSTALLATION

If you have not installed Microsoft .Net Framework yet, please download .Net Framework 4.7.2 or later and install it to your PC.

Download the file from Sprintek web site;

Unzip the file and copy the unzipped FlexMatrix Editor folders to your production place.

FlexMatrix Editor Package V1.55

Release Date: 2024-2-7

Version: 1.55.1

File Name: FlexMatrixEditorV1_55_1.zip

FILE LIST

FlexMatrix Editor for SK5100-5101 V1_50_1

FlexMatrix Editor for SK5102 V1_50_1

FlexMatrix Editor for SK5103 V1_50_1

FlexMatrix Editor for SK5120 V1_50_1

FlexMatrix Editor for SK5122 V1_50_1

FlexMatrix Editor for SK5126 V1_50_1

FlexMatrix Editor for SK5103 with Custom Descriptors V1_50_1

FlexMatrix Editor for SK5210 V1_51_1

FlexMatrix Editor for SK5213 V1_50_1

FlexMatrix Editor for SK5216 V1_51_1

FlexMatrix Editor for SK5217-SK5218 V1_54_1 (Default matrix_data.bin is updated)

FlexMatrix Editor for SK5221 V1_50_1

FlexMatrix Editor for SK5211 V1_50_1

FlexMatrix Editor for SK5212 V1_50_1

FlexMatrix Editor for SK5222 V1_50_1

FlexMatrix Editor for SK5223 V1_50_1

Release Notes.pdf

PREREQUISITE

Microsoft .Net Framework 4.7.2 or later

CHANGES IN PACKAGE

- 1) Fixed a bug that the C17/LED2 pin is not set to C17. The issue was fixed by the default matrix_data.bin file. Customers can also fixed the issue by changing the IOConfig parameter to 0x0F at the Header Tabpage in FlexMatrix Editor.

FlexMatrix Editor Package V1.54

Release Date: 2023-10-10

Version: 1.54.1

File Name: FlexMatrixEditorV1_54_1.zip

FILE LIST

FlexMatrix Editor for SK5100-5101 V1_50_1
FlexMatrix Editor for SK5102 V1_50_1
FlexMatrix Editor for SK5103 V1_50_1
FlexMatrix Editor for SK5120 V1_50_1
FlexMatrix Editor for SK5122 V1_50_1
FlexMatrix Editor for SK5126 V1_50_1
FlexMatrix Editor for SK5103 with Custom Descriptors V1_50_1
FlexMatrix Editor for SK5210 V1_51_1
FlexMatrix Editor for SK5213 V1_50_1
FlexMatrix Editor for SK5216 V1_51_1
FlexMatrix Editor for SK5217-SK5218 V1_54_1
FlexMatrix Editor for SK5221 V1_50_1
FlexMatrix Editor for SK5211 V1_50_1
FlexMatrix Editor for SK5212 V1_50_1
FlexMatrix Editor for SK5222 V1_50_1
FlexMatrix Editor for SK5223 V1_50_1
Release Notes.pdf

PREREQUISITE

Microsoft .Net Framework 4.7.2 or later

CHANGES IN PACKAGE

- 1) Updated default template matrix bin file and added supports of CleanRemindSetup Sfunc for FlexMatrix Editor for SK5217-SK5218;

FlexMatrix Editor Package V1.53

Release Date: 2023-07-13

Version: 1.53.1

File Name: FlexMatrixEditorV1_53_1.zip

FILE LIST

FlexMatrix Editor for SK5100-5101 V1_50_1
FlexMatrix Editor for SK5102 V1_50_1
FlexMatrix Editor for SK5103 V1_50_1

FlexMatrix Editor for SK5120 V1_50_1
FlexMatrix Editor for SK5122 V1_50_1
FlexMatrix Editor for SK5126 V1_50_1
FlexMatrix Editor for SK5103 with Custom Descriptors V1_50_1
FlexMatrix Editor for SK5210 V1_51_1
FlexMatrix Editor for SK5213 V1_50_1
FlexMatrix Editor for SK5216 V1_51_1
FlexMatrix Editor for SK5217-SK5218 V1_53_1
FlexMatrix Editor for SK5221 V1_50_1
FlexMatrix Editor for SK5211 V1_50_1
FlexMatrix Editor for SK5212 V1_50_1
FlexMatrix Editor for SK5222 V1_50_1
FlexMatrix Editor for SK5223 V1_50_1
Release Notes.pdf

PREREQUISITE

Microsoft .Net Framework 4.7.2 or later

CHANGES IN PACKAGE

- 1) Fixed crushing issue in FlexMatrix Editor for SK5217-SK5218;

FlexMatrix Editor Package V1.52

Release Date: 2023-05-15

Version: 1.52.1

File Name: FlexMatrixEditorV1_52_1.zip

FILE LIST

FlexMatrix Editor for SK5100-5101 V1_50_1
FlexMatrix Editor for SK5102 V1_50_1
FlexMatrix Editor for SK5103 V1_50_1
FlexMatrix Editor for SK5120 V1_50_1
FlexMatrix Editor for SK5122 V1_50_1
FlexMatrix Editor for SK5126 V1_50_1
FlexMatrix Editor for SK5103 with Custom Descriptors V1_50_1
FlexMatrix Editor for SK5210 V1_51_1
FlexMatrix Editor for SK5213 V1_50_1
FlexMatrix Editor for SK5216 V1_51_1
FlexMatrix Editor for SK5217-SK5218 V1_52_1
FlexMatrix Editor for SK5221 V1_50_1

FlexMatrix Editor for SK5211 V1_50_1

FlexMatrix Editor for SK5212 V1_50_1

FlexMatrix Editor for SK5222 V1_50_1

FlexMatrix Editor for SK5223 V1_50_1

Release Notes.pdf

PREREQUISITE

Microsoft .Net Framework 4.7.2 or later

CHANGES IN PACKAGE

- 1) Added FlexMatrix Editor for SK5217-SK5218;

FlexMatrix Editor Package V1.51

Release Date: 2022-11-29

Version: 1.51.1

File Name: FlexMatrixEditorV1_51_1.zip

FILE LIST

FlexMatrix Editor for SK5100-5101 V1_50_1

FlexMatrix Editor for SK5102 V1_50_1

FlexMatrix Editor for SK5103 V1_50_1

FlexMatrix Editor for SK5120 V1_50_1

FlexMatrix Editor for SK5122 V1_50_1

FlexMatrix Editor for SK5126 V1_50_1

FlexMatrix Editor for SK5103 with Custom Descriptors V1_50_1

FlexMatrix Editor for SK5210 V1_51_1

FlexMatrix Editor for SK5213 V1_50_1

FlexMatrix Editor for SK5216 V1_51_1

FlexMatrix Editor for SK5221 V1_50_1

FlexMatrix Editor for SK5211 V1_50_1

FlexMatrix Editor for SK5212 V1_50_1

FlexMatrix Editor for SK5222 V1_50_1

FlexMatrix Editor for SK5223 V1_50_1

Release Notes.pdf

PREREQUISITE

Microsoft .Net Framework 4.7.2 or later

CHANGES IN PACKAGE

- 2) Added FlexMatrix Editor for SK5216;

- 3) Updated “FlexMatrix Editor for SK5210”’s default matrix template to SK5210-107-05.

FlexMatrix Editor Package V1.50

Release Date: 2021-11-07

Version: 1.50.1

File Name: FlexMatrixEditorV1_50_1.zip

FILE LIST

FlexMatrix Editor for SK5100-5101 V1_50_1
FlexMatrix Editor for SK5102 V1_50_1
FlexMatrix Editor for SK5103 V1_50_1
FlexMatrix Editor for SK5120 V1_50_1
FlexMatrix Editor for SK5122 V1_50_1
FlexMatrix Editor for SK5126 V1_50_1
FlexMatrix Editor for SK5103 with Custom Descriptors V1_50_1
FlexMatrix Editor for SK5210 V1_50_1
FlexMatrix Editor for SK5213 V1_50_1
FlexMatrix Editor for SK5221 V1_50_1
FlexMatrix Editor for SK5211 V1_50_1
FlexMatrix Editor for SK5212 V1_50_1
FlexMatrix Editor for SK5222 V1_50_1
FlexMatrix Editor for SK5223 V1_50_1
Release Notes.pdf

PREREQUISITE

Microsoft .Net Framework 4.7.2 or later

CHANGES IN PACKAGE

- 1) Rebuilt on .Net Framework 4.7.2
- 2) Updated “FlexMatrix Editor for SK5213”’s default matrix bin file. CUST_12 to CUST_28’s macro type was changed from “Make All Break All” to “Sequential at Press”.

FlexMatrix Editor Package V1.46

Release Date: 2021-09-02

Version: 1.46.1

File Name: FlexMatrixEditorV1_46_01.zip

FILE LIST

FlexMatrix Editor for SK5100-5101 V1_38_1

FlexMatrix Editor for SK5102 V1_38_1
FlexMatrix Editor for SK5103 V1_38_1
FlexMatrix Editor for SK5120 V1_38_1
FlexMatrix Editor for SK5122 V1_38_1
FlexMatrix Editor for SK5126 V1_45_1
FlexMatrix Editor for SK5103 with Custom Descriptors V1_38_1
FlexMatrix Editor for SK5210 V1_41_1
FlexMatrix Editor for SK5213 V1_46_1
FlexMatrix Editor for SK5221 V1_40_1
FlexMatrix Editor for SK5211 V1_44_1
FlexMatrix Editor for SK5212 V1_44_1
FlexMatrix Editor for SK5222 V1_44_1
FlexMatrix Editor for SK5223 V1_44_1
Release Notes.pdf

PREREQUISITE

Microsoft .Net Framework 4.0 or later

CHANGES

- 1) Added FlexMatrix Editor for SK5213

FlexMatrix Editor Package V1.45

Release Date: 2020-08-25

Version: 1.45.1

File Name: FlexMatrixEditorV1_45_01.zip

FILE LIST

FlexMatrix Editor for SK5100-5101 V1_38_1
FlexMatrix Editor for SK5102 V1_38_1
FlexMatrix Editor for SK5103 V1_38_1
FlexMatrix Editor for SK5120 V1_38_1
FlexMatrix Editor for SK5122 V1_38_1
FlexMatrix Editor for SK5126 V1_45_1
FlexMatrix Editor for SK5103 with Custom Descriptors V1_38_1
FlexMatrix Editor for SK5210 V1_41_1
FlexMatrix Editor for SK5221 V1_40_1
FlexMatrix Editor for SK5211 V1_44_1
FlexMatrix Editor for SK5212 V1_44_1
FlexMatrix Editor for SK5222 V1_44_1

FlexMatrix Editor for SK5223 V1_44_1

Release Notes.pdf

PREREQUISITE

Microsoft .Net Framework 4.0 or later

CHANGES

- 1) Updated FlexMatrix Editor for SK5126 with CellKey feature

FlexMatrix Editor Package V1.44

Release Date: 2020-08-15

Version: 1.44.1

File Name: FlexMatrixEditorV1_44_01.zip

FILE LIST

FlexMatrix Editor for SK5100-5101 V1_38_1

FlexMatrix Editor for SK5102 V1_38_1

FlexMatrix Editor for SK5103 V1_38_1

FlexMatrix Editor for SK5120 V1_38_1

FlexMatrix Editor for SK5122 V1_38_1

FlexMatrix Editor for SK5126 V1_38_1

FlexMatrix Editor for SK5103 with Custom Descriptors V1_38_1

FlexMatrix Editor for SK5210 V1_41_1

FlexMatrix Editor for SK5221 V1_40_1

FlexMatrix Editor for SK5211 V1_44_1

FlexMatrix Editor for SK5212 V1_44_1

FlexMatrix Editor for SK5222 V1_44_1

FlexMatrix Editor for SK5223 V1_44_1

Release Notes.pdf

PREREQUISITE

Microsoft .Net Framework 4.0 or later

CHANGES

- 1) Added FlexMatrix Editor for SK5223 v1.44
- 2) Added FlexMatrix Editor for SK5212 v1.44
- 3) Fixed minor bugs in FlexMatrix Editor for SK5222 v1.43 and FlexMatrix Editor for SK5211 v1.42
 - a. File change didn't check physical key not installed flags"

FlexMatrix Editor Package V1.43

Release Date: 2020-07-26

Version: 1.43.1

File Name: FlexMatrixEditorV1_43_01.zip

FILE LIST

FlexMatrix Editor for SK5100-5101 V1_38_1
FlexMatrix Editor for SK5102 V1_38_1
FlexMatrix Editor for SK5103 V1_38_1
FlexMatrix Editor for SK5120 V1_38_1
FlexMatrix Editor for SK5122 V1_38_1
FlexMatrix Editor for SK5126 V1_38_1
FlexMatrix Editor for SK5103 with Custom Descriptors V1_38_1
FlexMatrix Editor for SK5210 V1_41_1
FlexMatrix Editor for SK5211 V1_42_1
FlexMatrix Editor for SK5221 V1_40_1
FlexMatrix Editor for SK5222 V1_43_1
Release Notes.pdf

PREREQUISITE

Microsoft .Net Framework 4.0 or later

CHANGES

- 4) Added FlexMatrix Editor for SK5222 v1.43

FlexMatrix Editor Package V1.42

Release Date: 2020-07-16

Version: 1.42.1

File Name: FlexMatrixEditorV1_42_01.zip

FILE LIST

FlexMatrix Editor for SK5100-5101 V1_38_1
FlexMatrix Editor for SK5102 V1_38_1
FlexMatrix Editor for SK5103 V1_38_1
FlexMatrix Editor for SK5120 V1_38_1
FlexMatrix Editor for SK5122 V1_38_1
FlexMatrix Editor for SK5126 V1_38_1
FlexMatrix Editor for SK5103 with Custom Descriptors V1_38_1
FlexMatrix Editor for SK5210 V1_41_1

FlexMatrix Editor for SK5211 V1_42_1

FlexMatrix Editor for SK5221 V1_40_1

Release Notes.pdf

PREREQUISITE

Microsoft .Net Framework 4.0 or later

CHANGES

- 1) Added FlexMatrix Editor for SK5211 v1.41

FlexMatrix Editor Package V1.41

Release Date: 2019-12-04

Version: 1.41.1

File Name: FlexMatrixEditorV1_41_01.zip

FILE LIST

FlexMatrix Editor for SK5100-5101 V1_38_1

FlexMatrix Editor for SK5102 V1_38_1

FlexMatrix Editor for SK5103 V1_38_1

FlexMatrix Editor for SK5120 V1_38_1

FlexMatrix Editor for SK5122 V1_38_1

FlexMatrix Editor for SK5126 V1_38_1

FlexMatrix Editor for SK5103 with Custom Descriptors V1_38_1

FlexMatrix Editor for SK5210 V1_41_1

FlexMatrix Editor for SK5221 V1_40_1

Release Notes.pdf

PREREQUISITE

Microsoft .Net Framework 4.0 or later

CHANGES

- 1) Updated FlexMatrix Editor for SK5210 for IC SK5210 v1.02:
 - a. Added new SFunc functions and supported SFunc functions with parameters;
 - b. Reduced number of SFunc in Function key from 4 to 2 to simplify the GUI.

FlexMatrix Editor Package V1.40

Release Date: 2019-07-11

Version: 1.40.1

File Name: FlexMatrixEditorV1_40_01.zip

FILE LIST

FlexMatrix Editor for SK5100-5101 V1_38_1
FlexMatrix Editor for SK5102 V1_38_1
FlexMatrix Editor for SK5103 V1_38_1
FlexMatrix Editor for SK5120 V1_38_1
FlexMatrix Editor for SK5122 V1_38_1
FlexMatrix Editor for SK5126 V1_38_1
FlexMatrix Editor for SK5103 with Custom Descriptors V1_38_1
FlexMatrix Editor for SK5210 V1_40_1
FlexMatrix Editor for SK5221 V1_40_1
Release Notes.pdf

PREREQUISITE

Microsoft .Net Framework 4.0 or later

CHANGES

- a. Added FlexMatrix Editor for SK5221 V1.40.1 to the package.
- b. Fixed Numlock Shift macro display issue in FlexMatrix Editor for SK5210

FlexMatrix Editor Package V1.39

Release Date: 2019-05-08

Version: 1.39.1

File Name: FlexMatrixEditorV1_39_01.zip

FILE LIST

FlexMatrix Editor for SK5100-5101 V1_38_1
FlexMatrix Editor for SK5102 V1_38_1
FlexMatrix Editor for SK5103 V1_38_1
FlexMatrix Editor for SK5120 V1_38_1
FlexMatrix Editor for SK5122 V1_38_1
FlexMatrix Editor for SK5126 V1_38_1
FlexMatrix Editor for SK5103 with Custom Descriptors V1_38_1
FlexMatrix Editor for SK5210 V1_39_1
Release Notes.pdf

PREREQUISITE

Microsoft .Net Framework 4.0 or later

CHANGES

- a. Added FlexMatrix Editor for SK5210 V1.39.1 to the package.

FlexMatrix Editor Package V1.38

Release Date: 2017-06-02

Version: 1.38.1

File Name: FlexMatrixEditorV1_38_01.zip

FILE LIST

FlexMatrix Editor for SK5100-5101 V1_38_1

FlexMatrix Editor for SK5102 V1_38_1

FlexMatrix Editor for SK5103 V1_38_1

FlexMatrix Editor for SK5120 V1_38_1

FlexMatrix Editor for SK5122 V1_38_1

FlexMatrix Editor for SK5126 V1_38_1

FlexMatrix Editor for SK5103 with Custom Descriptors V1_38_1

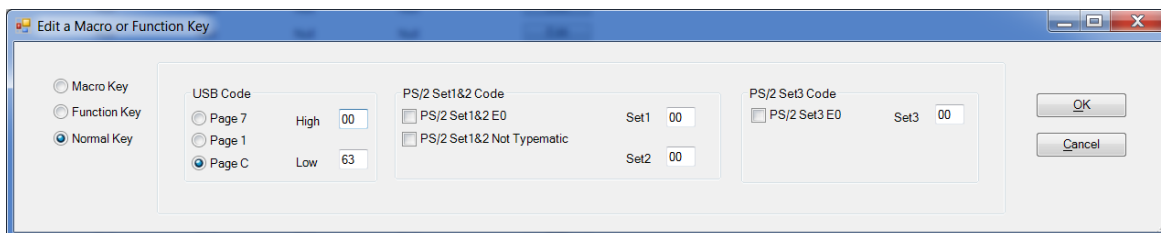
Release Notes.pdf

PREREQUISITE

Microsoft .Net Framework 4.0 or later

CHANGES

- a. Fixed a bug 0000028 for all listed FlexMatrix Editor tools – In Window “Edit a Macro or Function Key”, the USBCode0 value is not saved properly for normal key mode;



FlexMatrix Editor Package V1.36

Release Date: 2015-03-06

Version: 1.36.01

File Name: FlexMatrixEditor.zip

FILE LIST

FlexMatrix Editor for SK5100-5101 V1_30

FlexMatrix Editor for SK5102 V1_30

FlexMatrix Editor for SK5103 V1_30

FlexMatrix Editor for SK5120 V1_30
FlexMatrix Editor for SK5122 V1_32_01
FlexMatrix Editor for SK5126 V1_36_01
FlexMatrix Editor for SK5103 with Custom Descriptors V1_31
Release Notes.pdf

PREREQUISITE

Microsoft .Net Framework 4.0 or later

CHANGES

- a. Updated FlexMatrix Editor for SK5126 to V1_36_01. This update disabled the GPO0 as suspend indicator feature. The executable file is not changed, but the matrix template file is updated to new version.

FlexMatrix Editor Package V1.35

Release Date: 2015-02-20

Version: 1.35.03

File Name: FlexMatrixEditor.zip

FILE LIST

FlexMatrix Editor for SK5100-5101 V1_30
FlexMatrix Editor for SK5102 V1_30
FlexMatrix Editor for SK5103 V1_30
FlexMatrix Editor for SK5120 V1_30
FlexMatrix Editor for SK5122 V1_32_01
FlexMatrix Editor for SK5126 V1_35_03
FlexMatrix Editor for SK5103 with Custom Descriptors V1_31
Release Notes.pdf

PREREQUISITE

Microsoft .Net Framework 4.0 or later

CHANGES

- a. Updated FlexMatrix Editor for SK5126 to V1_35_03. This update supports the new version SK5126 with backlight PWM support, external mouse scroll mapping.

FlexMatrix Editor Package V1.33

Release Date: 2014-12-11

Version: 1.33.05

File Name: FlexMatrixEditor.zip

FILE LIST

FlexMatrix Editor for SK5100-5101 V1_30
FlexMatrix Editor for SK5102 V1_30
FlexMatrix Editor for SK5103 V1_30
FlexMatrix Editor for SK5120 V1_30
FlexMatrix Editor for SK5122 V1_32_01
FlexMatrix Editor for SK5126 V1_33_05
FlexMatrix Editor for SK5103 with Custom Descriptors V1_31
Release Notes.pdf

CHANGES IN V1.33

- 1) Added FlexMatrix Editor for SK5126 V1_33_05

CHANGES IN V1.32

- 1) Improved FlexMatrix Editor for SK5122 in extramacro edit refresh

CHANGES IN V1.31

- 1) Added FlexMatrix Editor for SK5103 with Custom Descriptors

FlexMatrix Editor for SK5100-5101 V1_30
FlexMatrix Editor for SK5102 V1_30
FlexMatrix Editor for SK5103 V1_30
FlexMatrix Editor for SK5120 V1_30
FlexMatrix Editor for SK5122 V1_30
FlexMatrix Editor for SK5103 with Custom Descriptors V1_31
Release Notes.pdf

CHANGES IN V1.30

- 1) Upgrade FlexMatrix Editor to V1.30 for all components with .NET Framework 4.0.

FlexMatrix Editor for SK5100-5101 V1.21 to V1_30
FlexMatrix Editor for SK5102 V1.23 to V1.30
FlexMatrix Editor for SK5103 V1.01 to V1.30
FlexMatrix Editor for SK5120 V1.22 to V1.30
FlexMatrix Editor for SK5122 V1.01 to V1.30

CHANGES IN V1.26

FlexMatrix Editor for SK5102 V1_23

- 1) Support new SK5102 IC V1.02 and the program is compatible with old version ICs.
New features:
 - a) Rotary encoder configuration for 1 detent/pulse and 2 detent/pulse
 - b) Extended macros up to 29 keys
 - c) Delay0 and Delay1
 - d) Disable ghost key check to work with N-key roller via diode support
 - e) Fine resolution of emergency LED auto off timing control
 - f) Fine resolution of backlight auto off timing control
- 2) Added feature “Import Matrix0 to Matrix4 From...” to migrate the existing matrix file to new matrix format;

FlexMatrix Editor for SK5103 V1_01

- 1) Defined rotary detent fields to support SK5103 V1.01 ICs.

CHANGES IN V1.25

FlexMatrix Editor for SK5103 V1_00

- 1) Initial release

CHANGES IN V1.24

FlexMatrix Editor for SK5100-5101 V1_21

- 1) Added feature “Import Matrix0 to Matrix4 From...” to migrate the existing matrix file to new matrix format;
- 2) Added comments that SK5100 V1.05 and SK5101 V1.03 or later will not support RFN toggle mode
- 3) Changed the default matrix file for SK5100/SK5101; this will work with SK5100 V1.05 and SK5101 V1.03 or later to fix some scan code issues
- 4) Added key type control to define make/break key;

Item 3 to 4 only take effects on SK5100 V1.05 and SK5101 V1.03 or later ICs.

FlexMatrix Editor for SK5122 V1_01

- 1) Added feature “Import Matrix0 to Matrix4 From...” to migrate the existing matrix file to new matrix format;
- 2) Changed the default matrix file for SK5122; this will work with SK5122 V1.02 or later to fix some scan code issues

- 3) Added Extended Macro key support. Up to 29 key's macro key can be defined;
- 4) Added NumLock RFN Level, NumLock RFN Toggle to support RFN independent control matrix replacing NumLock LEDs

Item 2 to 4 only take effects on SK5122 V1.02 or later ICs.