**Useful Links**

* MATLAB Add-on Installation

[S32K1xx - NXP’s Model-Based Design Toolbox Install... - NXP Community](https://community.nxp.com/t5/NXP-Model-Based-Design-Tools/S32K1xx-NXP-s-Model-Based-Design-Toolbox-Installation/ta-p/1130155)

* Generate C Code

Use the application Embedded Code and before building it:

Custom Target -> Define from File -> mbd\_s32k.tlc

* NXP Blocks

[Introducing the PWM Control Blocks from NXP MBDT | NXP Semiconductors](https://www.nxp.com/pages/introducing-the-pwm-control-blocks-from-nxp-mbdt:TIP-INTRODUCING-THE-PWM-CONTROL-BLOCKS-FROM-NXP-MO?SAMLart=ST-AAF0E3YJDJej%2BJVBprc7Vu5rkUdez9zCGtSNieGXlmSylkbIeMfHMDAp)

[Introducing the SPI Communication Blocks from NXP MBDT | NXP Semiconductors](https://www.nxp.com/pages/introducing-the-spi-communication-blocks-from-nxp-mbdt:TIP-INTRODUCING-THE-SPI-COMMUNICATION-BLOCKS-FROM?SAMLart=ST-AAF0E3YJDJej%2BJVBprc7Vu5rkUdez36zjA0wueE9uFzBUaTBmAcbSUDC&SAMLart=ST-AAF0E3YJDJej%2BJVBprc7Vu5rkUdezwAneo8aHnv%2FHtFiKW%2BNZ5OHKYk6)

* Make variables available on FreeMaster

[Data Stores in Generated Code - MATLAB & Simulink (mathworks.com)](https://www.mathworks.com/help/rtw/ug/data-stores.html)