

MX25R Extend Introduction

2023.4





Introduction

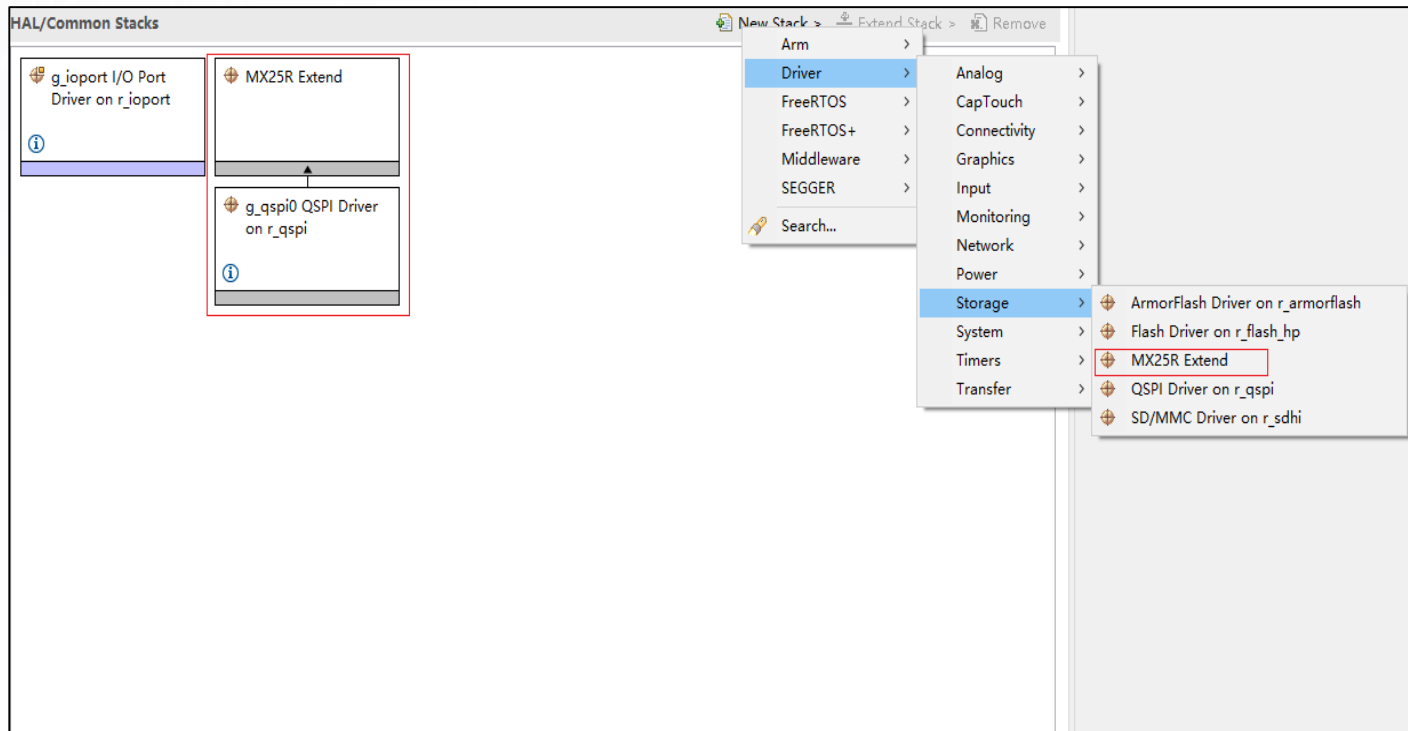
Macronix MX25R series nor Flash has 3 power modes: HighPerformance Mode, LowPower Mode and DeepPowerDown Mode. However, if you want to control MX25R flash in Renesas FSP platform, you can not easily change the power mode.

This layer will be released as a patch in one of the FSP versions.

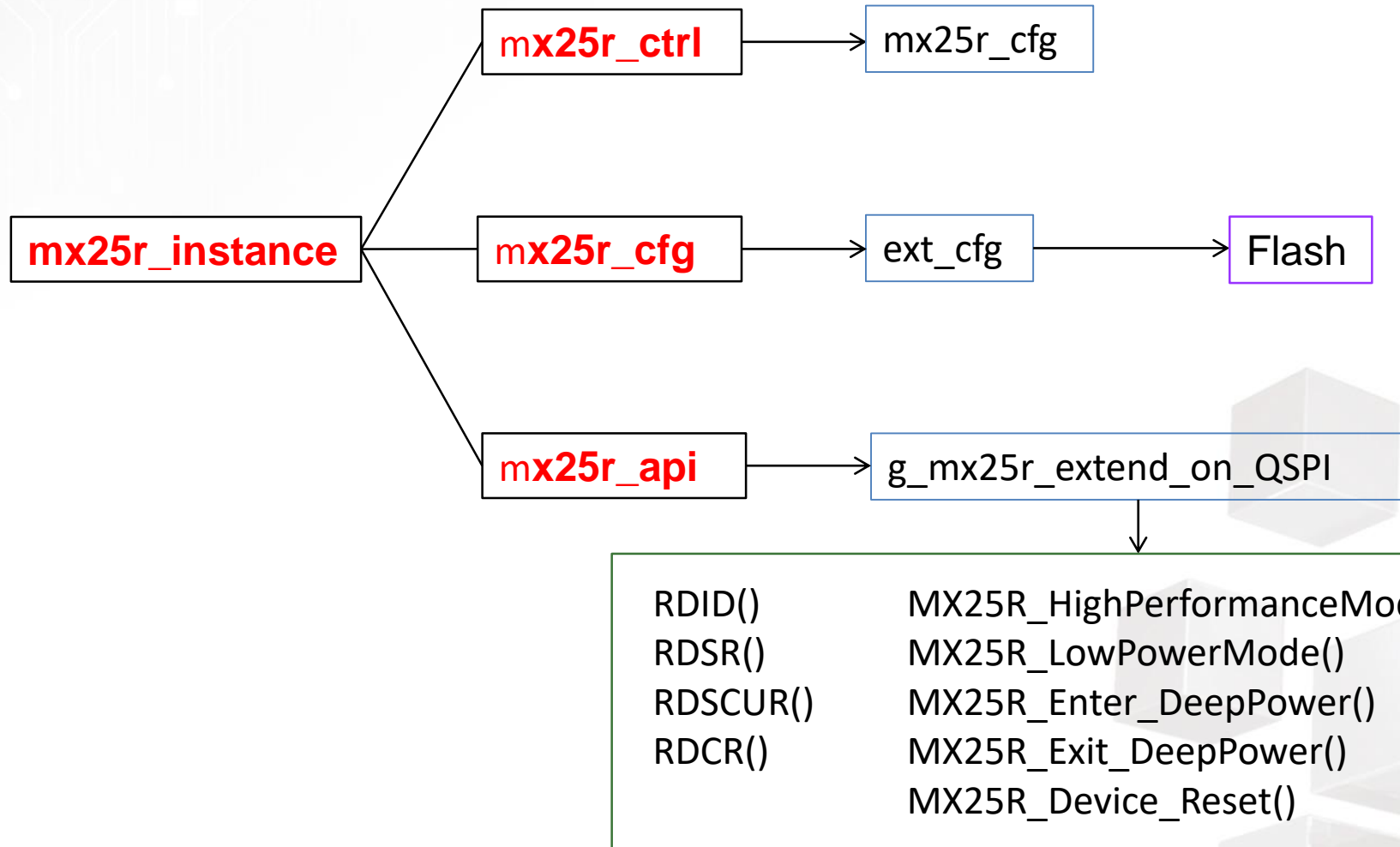
The MX25R Extend module based on QSPI module can provide some specific functions as follows:

RDID()	MX25R_HighPerformanceMode()
RDSR()	MX25R_LowPowerMode()
RDSCUR()	MX25R_Enter_DeepPower()
RDCR()	MX25R_Exit_DeepPower()
	MX25R_Device_Reset()

MX25R Module



Code Structure



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