NuMicro® Development Platform
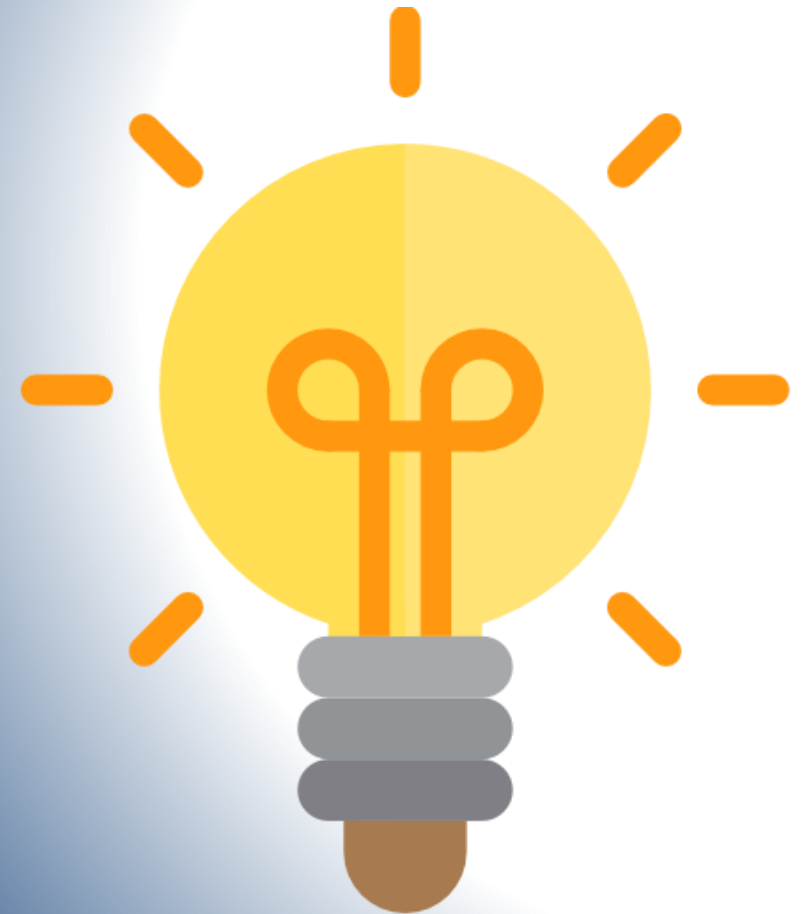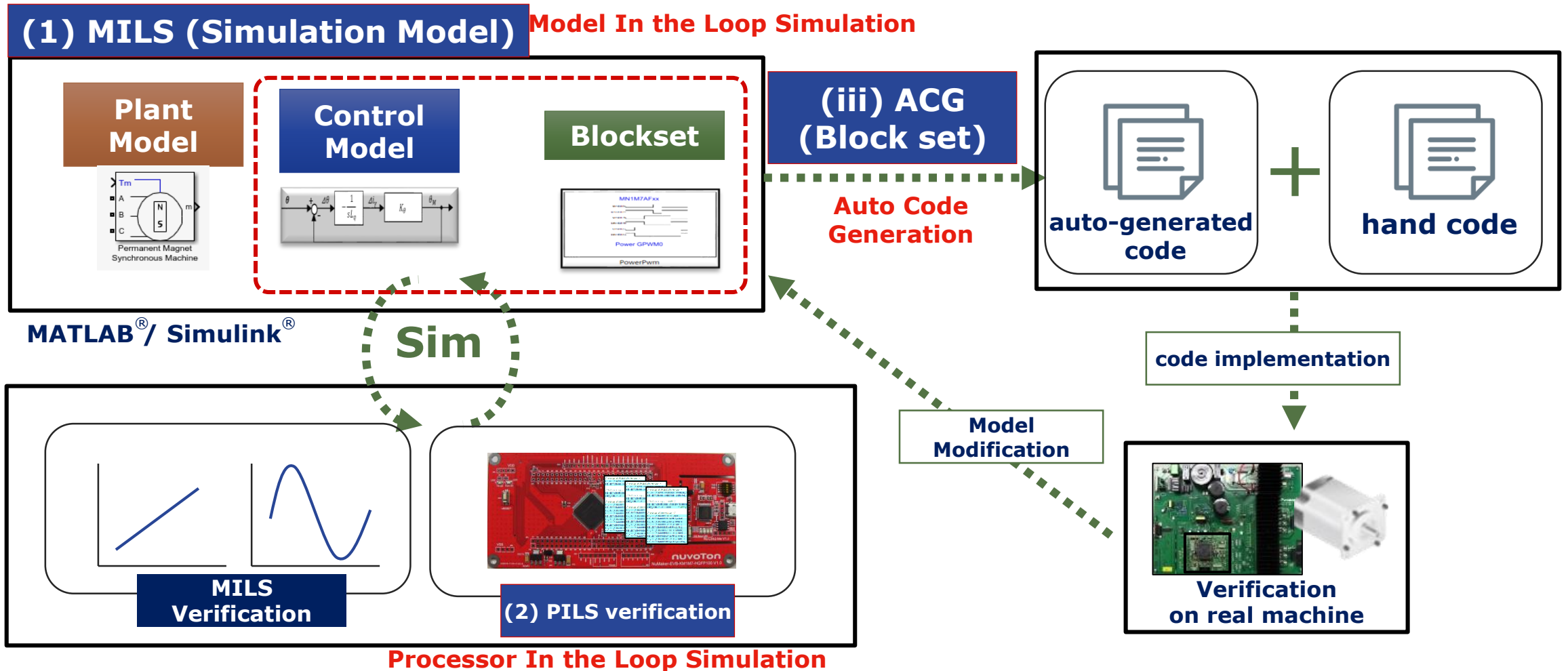
Evaluation Board / BSP / IDE / Software Tool / Debugger & Programmer

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2) Model-based development environment
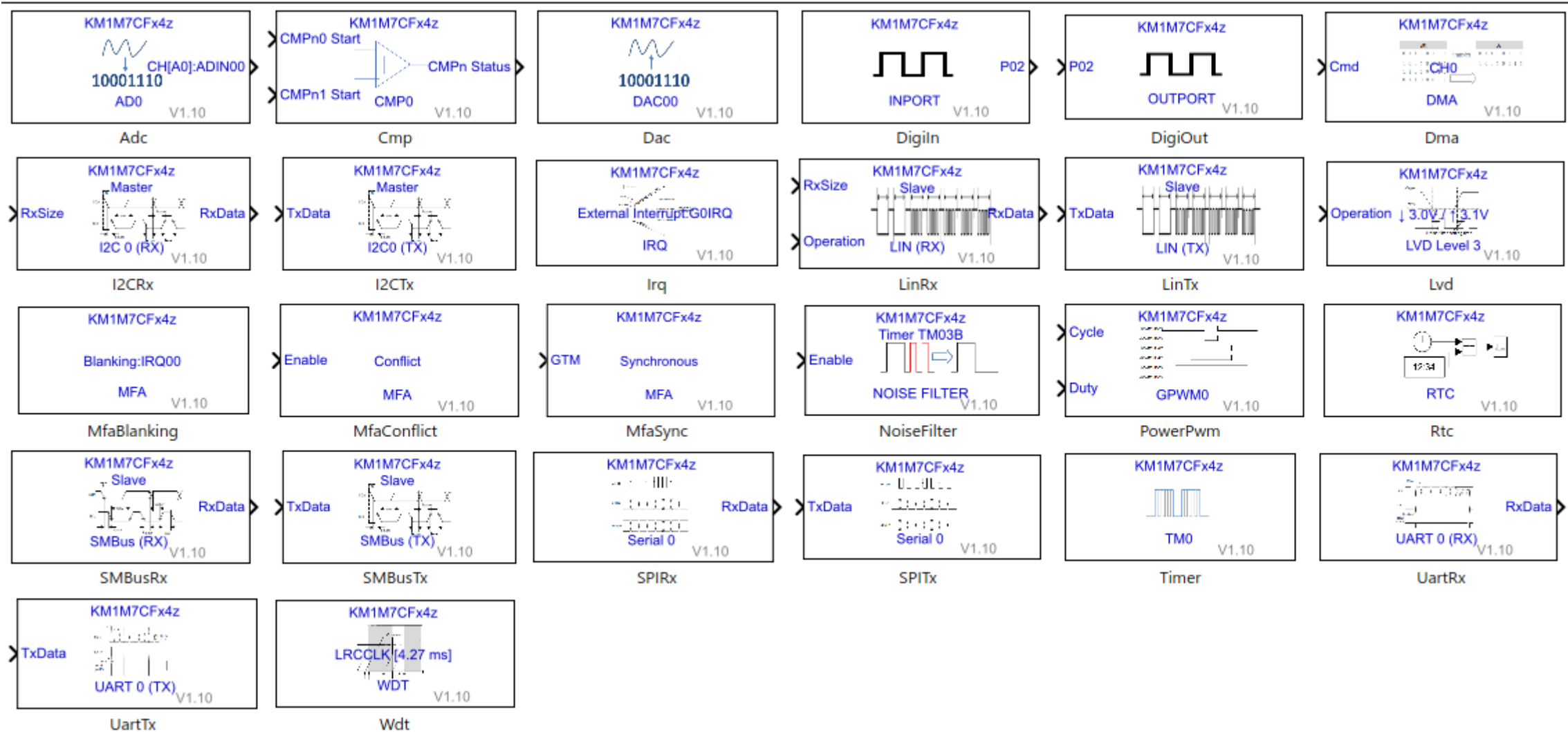
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KM1M7C Blockset Coverage

No.	Peripheral	Blockset Name
1	System Settings	Clock Configuration (manual source code configuration)
2	Interrupt	Irq
3	DMA Controller	Dma
4	I/O Port	DIO (DigIn, DigiOut)
5	Noise Filter	NoiseFilter
6	16-bit Timer	Timer
7	Power Contrl PWM	PowerPWM
8	RTC	Rtc
9	Serial Interface 0,1	Uart (UartRx, UartTx), I2C (I2CRx, I2CTx), SPI (SPIRx, SPITx)
10	Serial Interface 2 ~6	
11	SMBus / IIC	SMBus (SMBusRx, SMBusTx)

No.	Peripheral	Blockset Name
12	LIN Controller	Lin (LinRx, LinTx)
13	CAN FD Controller	-
14	A/D Converter	Adc
15	D/A Converter	Dac
16	Comparator	Cmp
17	Multi-Feedback Assist	Mfa (MfaBlanking, MfaConflict, MfaSync)
18	Power Supply Voltage Detection	Lvd
19	Watchdog Timer	Wdt
20	CRC Calculation Circuit	-
21	Clock Monitoring	-
22	Memory (Internal Flash Memory, Memory Map)	-

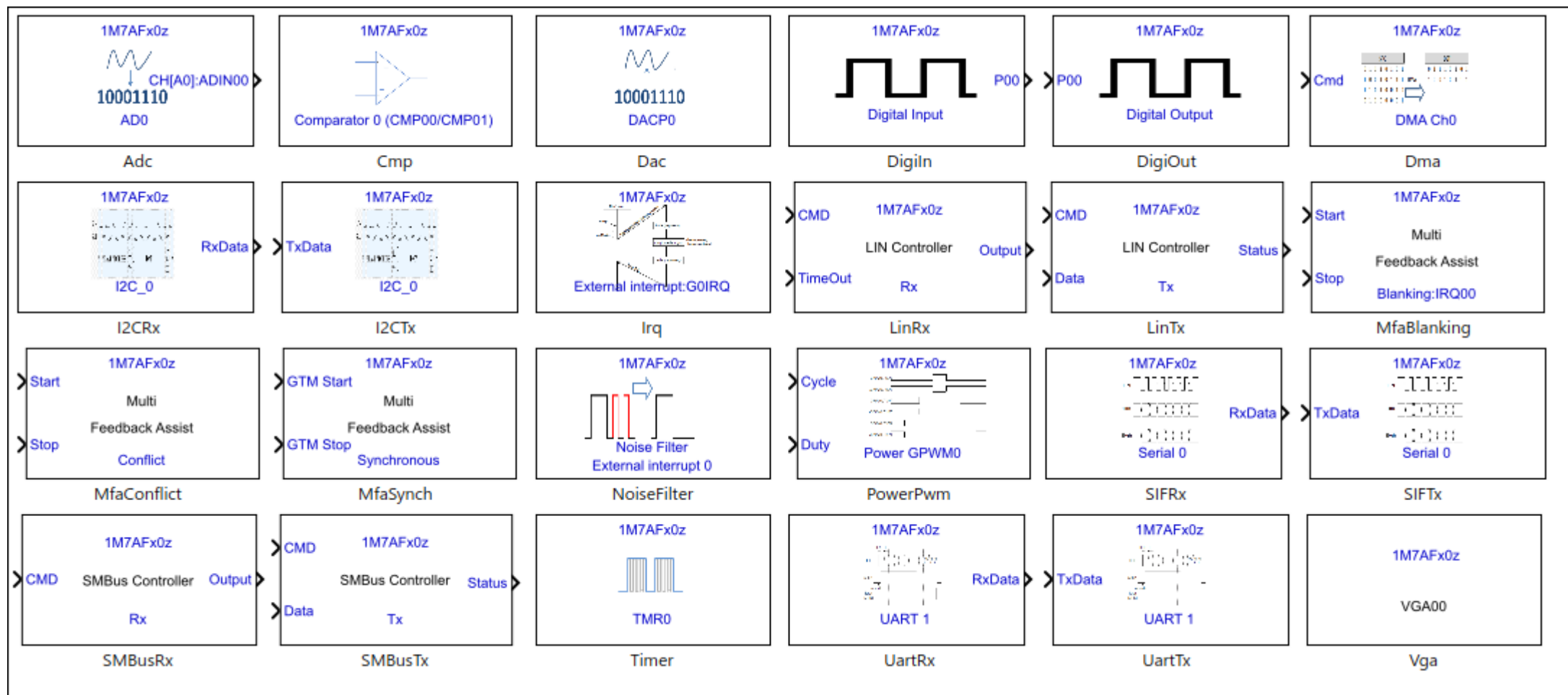Current Supported Matlab/Simulink Version R2021a

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Overview of KM1M7C Blockset

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KM1M7A Blockset Coverage

No.	Peripheral	Blockset Name
1	System Settings	Clock Configuration (manual source code configuration)
2	Interrupt	Irq
3	DMA Controller	Dma
4	I/O Port	DIO (DigIn, DigiOut)
5	Noise Filter	NoiseFilter
6	16-bit Timer	Timer
7	Power Contrl PWM	PowerPWM
8	Serial Interface 0	Uart (UartRx, UartTx), I2C (I2CRx, I2CTx), SIF (SIFRx, SIFTx)
9	Serial Interface 1,2,5,6	
10	Serial Interface 3,4	
11	Serial Interface 7	
12	SMBus / IIC	SMBus (SMBusRx, SMBusTx)
13	LIN Controller	Lin (LinRx, LinTx)

No.	Peripheral	Blockset Name
14	CAN FD Controller	-
15	A/D Converter	Adc
16	D/A Converter	Dac
17	Comparator	Cmp
18	Variable Gain Amplifier	Vga
18	Multi-Feedback Assist	Mfa (MfaBlanking, MfaConflict, MfaSync)
19	Power Supply Voltage Detection	-
20	Watchdog Timer	-
21	CRC Calculation Circuit	-
22	Clock Monitoring	-
23	CRC Calculation Circuit	-
24	Memory (Internal Flash Memory, Memory Map)	-

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Overview of KM1M7A Blockset

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谢谢
謝謝
Děkuji
Bedankt
Thank you
Kiitos
Merci
Danke
Grazie
ありがとう
감사합니다
Dziękujemy
Obrigado
Спасибо
Gracias
Teşekkür ederim
Cảm ơn

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