

## Firmware Overview - FL3X Interface-S v1.0.0

**Last updated:** 2026-05-05

**Product:** FL3X Interface-S

**Package:** 3-01220N01-01\_Delivery\_Package\_Firmware\_FL3X\_Interface-S

**Total Images:** 4

### Package Contents

This package contains the following compatible FPGA images:

FPGA Image	Variant JSON
0x000000B0_v1.0.9.5.fpga	FlexDevice-S-0x000000B0.json
0x000000B1_v0.0.3.10.fpga	FlexDevice-S-0x000000B1.json
0x000000B2_v0.0.0.21.fpga	FlexDevice-S-0x000000B2.json
0x000000B4_v0.0.0.10.fpga	FlexDevice-S-0x000000B4.json

### FlexDevice-S-0x000000B0

**Variant ID:** 0x000000B0

**Description:** 8 Busses: 4xCAN(2xHS 2xHS/FD), 2xFR(1xSelfSync), 1xETH(1x100Mbit/s), 1xLIN

#### Channels

Connector	Index	Protocol	Speed	Features
Con 1A	1	FlexRay [A]	-	RBS, Analyzing, WakeUp
Con 1B	2	FlexRay [B]	-	RBS, Analyzing, WakeUp
Con 1C	3	Automotive Ethernet	10 Mbit/s, 100 Mbit/s	RBS, Analyzing, BroadR-Reach
Con 1D	4	LIN	-	RBS, Analyzing
Con 2A	5	FlexRay [A]	-	RBS, Analyzing, WakeUp
Con 2B	6	FlexRay [B]	-	RBS, Analyzing, WakeUp
Con 3A	7	CAN FD	HS/FD	RBS, Analyzing
Con 3B	8	CAN FD	HS/FD	RBS, Analyzing
Con 3C	9	CAN	HS	RBS, Analyzing
Con 3D	10	CAN	HS	RBS, Analyzing

### FlexDevice-S-0x000000B1

**Variant ID:** 0x000000B1

**Description:** 13 Busses: 4xCAN(2xHS 2xHS/FD), 1xFR(1xSelfSync), 1xETH(1x100Mbit/s), 5xLIN, 2xSent

#### Channels

Connector	Index	Protocol	Speed	Features
Con 1A	1	FlexRay [A]	-	RBS, Analyzing, WakeUp
Con 1B	2	FlexRay [B]	-	RBS, Analyzing, WakeUp
Con 1C	3	Automotive Ethernet	10 Mbit/s, 100 Mbit/s	RBS, Analyzing, BroadR-Reach
Con 1D	4	LIN	-	RBS, Analyzing
Con 2A	5	LIN	-	RBS, Analyzing
Con 2B	6	LIN	-	RBS, Analyzing
Con 2C	32	LIN	-	RBS, Analyzing
Con 2D	33	LIN	-	RBS, Analyzing
Con 2E	34	Sent	-	-
Con 2F	35	Sent	-	-
Con 3A	7	CAN FD	HS/FD	RBS, Analyzing
Con 3B	8	CAN FD	HS/FD	RBS, Analyzing
Con 3C	9	CAN	HS	RBS, Analyzing
Con 3D	10	CAN	HS	RBS, Analyzing

## FlexDevice-S-0x000000B2

**Variant ID:** 0x000000B2

**Description:** 10 Busses: 4xCAN(2xHS 2xHS/FD), 1xFR(1xSelfSync), 1xETH(1x100Mbit/s), 1xLIN, 1xSPI, 1xUART, 1xK-Line

### Channels

Connector	Index	Protocol	Speed	Features
Con 1A	1	FlexRay [A]	-	RBS, Analyzing, WakeUp
Con 1B	2	FlexRay [B]	-	RBS, Analyzing, WakeUp
Con 1C	3	Automotive Ethernet	10 Mbit/s, 100 Mbit/s	RBS, Analyzing, BroadR-Reach
Con 1D	4	LIN	-	RBS, Analyzing
Con 2A	5	SPI	-	-
Con 2B	6	UART	-	-
Con 2C	32	K-Line	-	-
Con 3A	7	CAN FD	HS/FD	RBS, Analyzing
Con 3B	8	CAN FD	HS/FD	RBS, Analyzing
Con 3C	9	CAN	HS	RBS, Analyzing
Con 3D	10	CAN	HS	RBS, Analyzing

## FlexDevice-S-0x000000B4

**Variant ID:** 0x000000B4

**Description:** 11 Busses: 8xCAN(2xHS 6xHS/FD), 1xFR(0xSelfSync), 1xETH(1x100Mbit/s), 1xLIN

### Channels

Connector	Index	Protocol	Speed	Features
Con 1A	1	FlexRay [A]	-	RBS, Analyzing, WakeUp
Con 1B	2	FlexRay [B]	-	RBS, Analyzing, WakeUp
Con 1C	3	Automotive Ethernet	10 Mbit/s, 100 Mbit/s	RBS, Analyzing, BroadR-Reach
Con 1D	4	LIN	-	RBS, Analyzing
Con 2A	5	CAN FD	HS/FD	RBS, Analyzing
Con 2B	6	CAN FD	HS/FD	RBS, Analyzing
Con 2C	32	CAN FD	HS/FD	RBS, Analyzing
Con 2D	33	CAN FD	HS/FD	RBS, Analyzing
Con 3A	7	CAN FD	HS/FD	RBS, Analyzing
Con 3B	8	CAN FD	HS/FD	RBS, Analyzing
Con 3C	9	CAN	HS	RBS, Analyzing
Con 3D	10	CAN	HS	RBS, Analyzing

## Legal Information

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