Product Datasheet

FFA-FFC40-Kit

Flat Flex Cable (FFC) Kit

Flexible cable length during evaluation with **Flat Flex Cables (FFC)** for **FSM:GO** and the **FSM Ecosystem**.

What's in the kit?

- Everything you need to upgrade **FSM:GO** or **FSM+FSA.**
- Leverages the advantages of **Flat Flex Cabling** during your evaluation and proof-of-concept.
- Allows for the use of low cost, readily available cables.
- Affordable and lockable.

Documentation
docs.framos.com

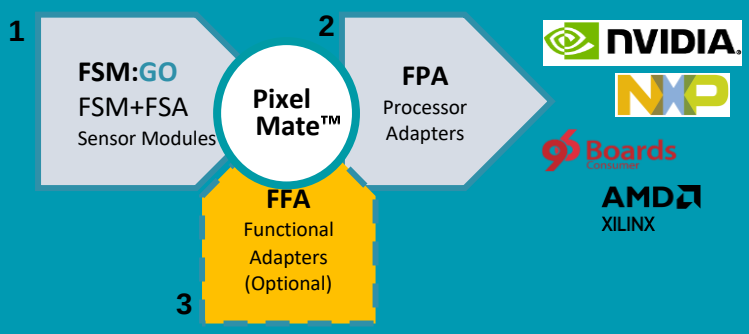
Software
www.github.com/framosimaging

Technical Support:
support@framos.com

Did you know?

- **FFA Kits (3)** are optional and integrate seamlessly into the FSM Ecosystem.
- They connect directly in between the **FSM (1)** and the **FPA (2)** for the respective processor board/developer kit and adapt the interface to your needs!

FSM Ecosystem:



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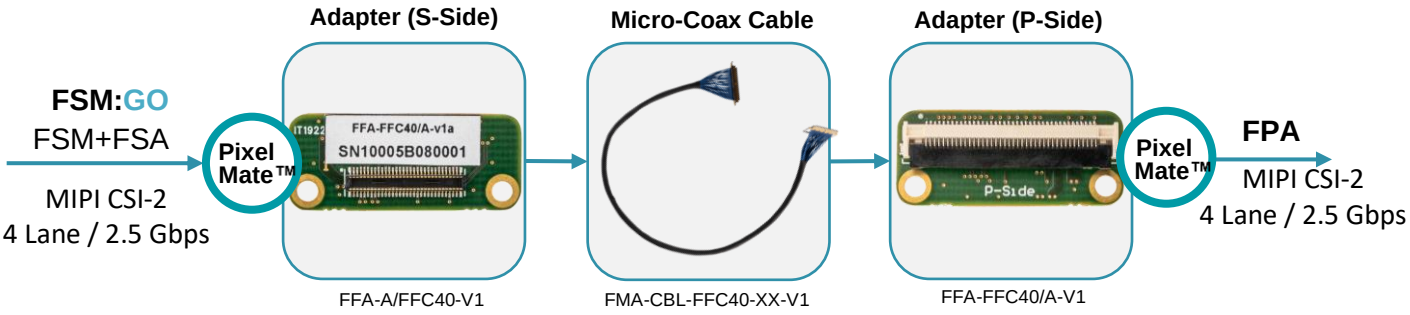
FFA-FFC40-Kit

1 PRODUCT DESCRIPTION

The FFA-FFC40-Kit provides all components required to upgrade an existing FRAMOS Sensor Module (FSM) setup using **Flat Flex Cabling (FFC)**. Both connectors in the kit comply with the FRAMOS PixelMate™ standard, ensuring compatibility with all supported components.



The components in this kit are passive and do not affect functional or software operations.

Note: FFC cables are unshielded and only recommended during the evaluation.

2 Drivers & Software

We provide customers with reference implementations of MIPI CSI-2 (D-PHY) drivers that leverage platform-specific data interfaces. These implementations facilitate communication with the image sensor and enable its initialization, offering seamless access to its features.

Our software package empowers embedded software engineers to easily access the streaming system while providing all necessary tools to customize it for specific application requirements.

Documentation of the supported image sensors, platforms and features can be found in the Wiki of the respective software releases on GitHub: www.github.com/framosimaging.

3 ORDERING INFORMATION

Part Number(s): FFA-FFC40-Kit-**XX**

Options:	**XX**: Cable Length in Meter

Content of Kit:

FFA-A/FFC40-V1	PixelMate™ to Flat Flex Cable (40pin) adapter (passive), for FSM side, 4-Lane MIPI CSI-2
FFA-FFC40/A-V1	Flat Flex Cable (40-pin) to PixelMate™ adapter (passive) for FPA/Processor side, 4-Lane MIPI CSI-2
FMA-CBL-FFC40-**XX**-V1	Flat Flex Cable (40-pin), 0.5mm pitch, unshielded (Molex 0150200440)

All components are also available separately. Detailed documentation for each component, along with Quick Start Guides, can be found in our user documentation: www.framos.com/FSM-Startup.

Note: FSM:GO, FSM+FSA and/or FPAs **are not included** in this kit and must be purchased separately.

FSM:GO | FRAMOS

Contact Information

Framos GmbH

Technical Support:

support@framos.com

Website:
https://www.framos.com

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