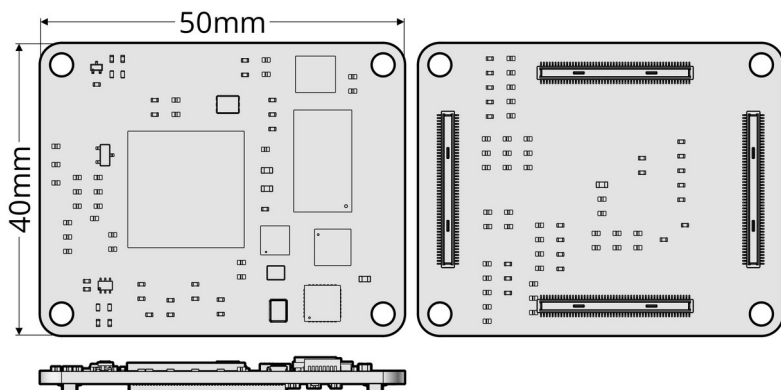




XLM42/43 FPGA Module Overview



The XLM42 and XLM43 series features Efinix® Titanium® FPGAs packaged in a 4cm x 5cm module. Additionally, the modules contain on-board:

- regulators
- clock synthesizers
- LPDDR4 memory
- configuration memory
- USB 2.0, 3.0
- Ethernet 10/100/1000

Signals are broken out to Hirose DF40C mezzanine connectors allowing maximum design flexibility.

Carriers are available for development purposes.

Series	Part Number	FPGA	Pkg	Grade	Memory	USB	Ethernet	Connector	Carrier
XLM42 Series	XLM4201-01	Ti60	256	C3/C4/I4				DF40C-100DP x 4	XLC4201-01 XLC4201-02
	XLM4201-02	Ti60	256	C3/C4/I4		2.0, 3.0		DF40C-100DP x 4	XLC4201-01 XLC4201-02
	XLM4201-03	Ti60	256	C3/C4/I4			10/100/ 1000	DF40C-100DP x 4	XLC4201-01 XLC4201-02
	XLM4201-04	Ti60	256	C3/C4/I4		2.0, 3.0	10/100/ 1000	DF40C-100DP x 4	XLC4201-01 XLC4201-02
	XLM4202-01	Ti90	484	C3/C4/I4				DF40C-100DP x 4	XLC4201-01 XLC4201-02
	XLM4202-02	Ti90	484	C3/C4/I4	1GB (256Mx32)			DF40C-100DP x 4	XLC4201-01 XLC4201-02
	XLM4202-03	Ti90	484	C3/C4/I4	1GB (256Mx32)	2.0, 3.0		DF40C-100DP x 4	XLC4201-01 XLC4201-02
	XLM4202-04	Ti90	484	C3/C4/I4	1GB (256Mx32)		10/100/ 1000	DF40C-100DP x 4	XLC4201-01 XLC4201-02
	XLM4202-05	Ti90	484	C3/C4/I4	1GB (256Mx32)	2.0, 3.0	10/100/ 1000	DF40C-100DP x 4	XLC4201-01 XLC4201-02
	XLM4203-01	Ti120	484	C3/C4/I4				DF40C-100DP x 4	XLC4201-01 XLC4201-02
	XLM4203-02	Ti120	484	C3/C4/I4	1GB (256Mx32)			DF40C-100DP x 4	XLC4201-01 XLC4201-02
	XLM4203-03	Ti120	484	C3/C4/I4	1GB (256Mx32)	2.0, 3.0		DF40C-100DP x 4	XLC4201-01 XLC4201-02
	XLM4203-04	Ti120	484	C3/C4/I4	1GB (256Mx32)		10/100/ 1000	DF40C-100DP x 4	XLC4201-01 XLC4201-02
	XLM4203-05	Ti120	484	C3/C4/I4	1GB (256Mx32)	2.0, 3.0	10/100/ 1000	DF40C-100DP x 4	XLC4201-01 XLC4201-02
	XLM4204-01	Ti180	484	C3/C4/I4				DF40C-100DP x 4	XLC4201-01 XLC4201-02
	XLM4204-02	Ti180	484	C3/C4/I4	1GB (256Mx32)			DF40C-100DP x 4	XLC4201-01 XLC4201-02
	XLM4204-03	Ti180	484	C3/C4/I4	1GB (256Mx32)	2.0, 3.0		DF40C-100DP x 4	XLC4201-01 XLC4201-02
	XLM4204-04	Ti180	484	C3/C4/I4	1GB (256Mx32)		10/100/ 1000	DF40C-100DP x 4	XLC4201-01 XLC4201-02
	XLM4204-05	Ti180	484	C3/C4/I4	1GB (256Mx32)	2.0, 3.0	10/100/ 1000	DF40C-100DP x 4	XLC4201-01 XLC4201-02

Series	Part Number	FPGA	Pkg	Grade	Memory	USB	Ethernet	Connector	Carrier
XLM43 Series									
	XLM4301-01	TI135	484	C3/C4/I4				DF40C-100DP x 4	XLC4301-01 XLC4301-02
	XLM4301-02	TI135	484	C3/C4/I4	1GB (256Mx32)			DF40C-100DP x 4	XLC4301-01 XLC4301-02
	XLM4301-03	TI135	484	C3/C4/I4	1GB (256Mx32)	2.0, 3.0		DF40C-100DP x 4	XLC4301-01 XLC4301-02
	XLM4301-04	TI135	484	C3/C4/I4	1GB (256Mx32)		10/100/ 1000	DF40C-100DP x 4	XLC4301-01 XLC4301-02
	XLM4301-05	TI135	484	C3/C4/I4	1GB (256Mx32)	2.0, 3.0	10/100/ 1000	DF40C-100DP x 4	XLC4301-01 XLC4301-02
	XLM4302-01	TI375	484	C3/C4/I4				DF40C-100DP x 4	XLC4301-01 XLC4301-02
	XLM4302-02	TI375	484	C3/C4/I4	1GB (256Mx32)			DF40C-100DP x 4	XLC4301-01 XLC4301-02
	XLM4302-03	TI375	484	C3/C4/I4	1GB (256Mx32)	2.0, 3.0		DF40C-100DP x 4	XLC4301-01 XLC4301-02
	XLM4302-04	TI375	484	C3/C4/I4	1GB (256Mx32)		10/100/ 1000	DF40C-100DP x 4	XLC4301-01 XLC4301-02
	XLM4302-05	TI375	484	C3/C4/I4	1GB (256Mx32)	2.0, 3.0	10/100/ 1000	DF40C-100DP x 4	XLC4301-01 XLC4301-02