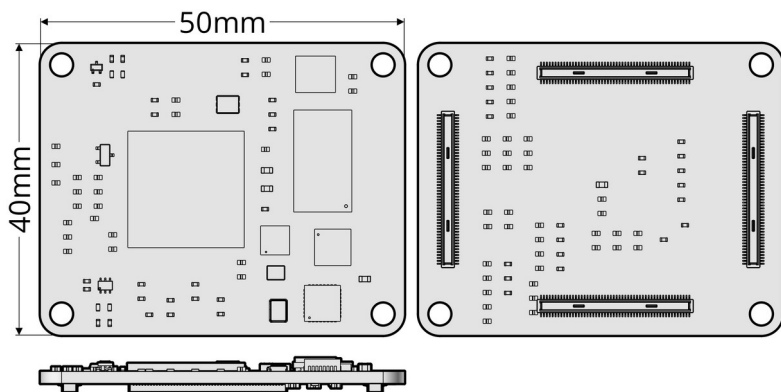




XLM32/33 FPGA Module Overview



The XLM32 and XLM33 series features Efnix® Trion® FPGAs packaged in a 4cm x 5cm module. Additionally, the modules contain on-board:

- regulators
- clock synthesizers
- DDR3L/LPDDR3 memory
- configuration memory
- USB 2.0
- Ethernet 10/100

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
XLM32 Series									
	XLM3201-01	T35	400	C3/C4/I4				DF40C-100DP x 4	XLC3233-01 XLC3233-02
	XLM3201-02	T35	400	C3/C4/I4	512MB (256Mx16)			DF40C-100DP x 4	XLC3233-01 XLC3233-02
	XLM3201-03	T35	400	C3/C4/I4	512MB (256Mx16)	2.0		DF40C-100DP x 4	XLC3233-01 XLC3233-02
	XLM3201-04	T35	400	C3/C4/I4	512MB (256Mx16)		10/100	DF40C-100DP x 4	XLC3233-01 XLC3233-02
	XLM3201-05	T35	400	C3/C4/I4	512MB (256Mx16)	2.0	10/100	DF40C-100DP x 4	XLC3233-01 XLC3233-02
	XLM3202-01	T55	400	C3/C4/I4				DF40C-100DP x 4	XLC3233-01 XLC3233-02
	XLM3202-02	T55	400	C3/C4/I4	512MB (256Mx16)			DF40C-100DP x 4	XLC3233-01 XLC3233-02
	XLM3202-03	T55	400	C3/C4/I4	512MB (256Mx16)	2.0		DF40C-100DP x 4	XLC3233-01 XLC3233-02
	XLM3202-04	T55	400	C3/C4/I4	512MB (256Mx16)		10/100	DF40C-100DP x 4	XLC3233-01 XLC3233-02
	XLM3202-05	T55	400	C3/C4/I4	512MB (256Mx16)	2.0	10/100	DF40C-100DP x 4	XLC3233-01 XLC3233-02
XLM33 Series									
	XLM3301-01	T85	484	C3/C4/I4				DF40C-100DP x 4	XLC3233-01 XLC3233-02
	XLM3301-02	T85	484	C3/C4/I4	1GB (256Mx32)			DF40C-100DP x 4	XLC3233-01 XLC3233-02
	XLM3301-03	T85	484	C3/C4/I4	1GB (256Mx32)	2.0		DF40C-100DP x 4	XLC3233-01 XLC3233-02
	XLM3301-04	T85	484	C3/C4/I4	1GB (256Mx32)		10/100	DF40C-100DP x 4	XLC3233-01 XLC3233-02
	XLM3301-05	T85	484	C3/C4/I4	1GB (256Mx32)	2.0	10/100	DF40C-100DP x 4	XLC3233-01 XLC3233-02
	XLM3302-01	T120	484	C3/C4/I4				DF40C-100DP x 4	XLC3233-01 XLC3233-02
	XLM3302-02	T120	484	C3/C4/I4	1GB (256Mx32)			DF40C-100DP x 4	XLC3233-01 XLC3233-02
	XLM3302-03	T120	484	C3/C4/I4	1GB (256Mx32)	2.0		DF40C-100DP x 4	XLC3233-01 XLC3233-02
	XLM3302-04	T120	484	C3/C4/I4	1GB (256Mx32)		10/100	DF40C-100DP x 4	XLC3233-01 XLC3233-02
	XLM3302-05	T120	484	C3/C4/I4	1GB (256Mx32)	2.0	10/100	DF40C-100DP x 4	XLC3233-01 XLC3233-02