

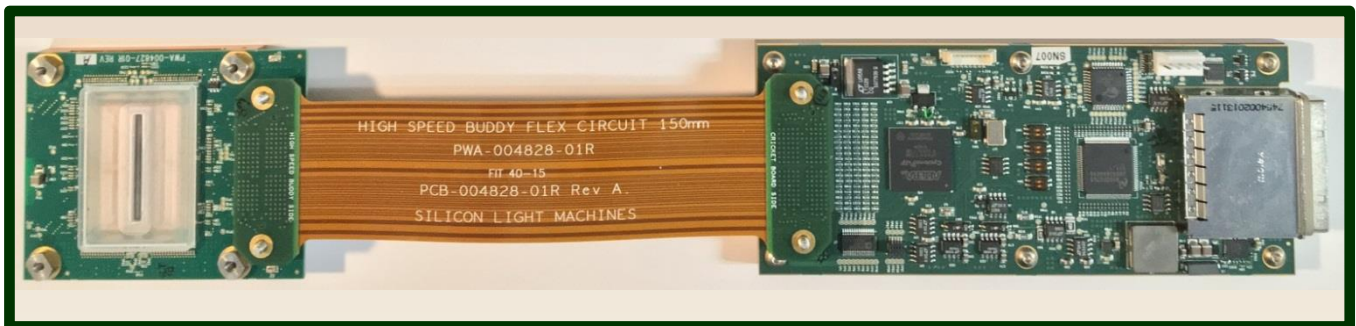


1088 Channel High-Speed GLV Module



Model Number: F1088-HS

- The new F1088-HS has an enhanced module architecture that supports column rates up to 350 kHz in AMP mode (1024 amplitude levels for each pixels). Higher column rates can be achieved when downloading a subset of pixels.
- The GLV module is separated from the control electronics with a flex cable to allow smaller optical head designs and facilitates optical alignment.
- Available in UV, Visible, Violet, or IR versions.



1088 Channel High-Speed GLV Module Specifications

	Minimum	Nominal	Maximum	Unit	Notes
Number of Pixels		1080	1088		
Pixel Pitch		25.5		µm	
Operating Wavelength		355		nm	UV version
		405		nm	Violet version
	450	543	658	nm	Visible version
	800	808	825	nm	IR version
Laser Power			80	W	IR version
Optical Rise Time		500		nsec	0 th -order operation
Optical Fall Time		700		nsec	0 th -order operation
Image Data Resolution		10		bits	
Column Rate			350	KHz	Full 10-bit operation