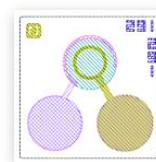


















CACTUS MATERIALS



PRODUCT LIST













GaAs Lasers & Detectors

LEAD TIME: 12 to 16 weeks

PART NUMBER	TYPE	WAVELENGTH	DATA RATE*	ARRAY	LENGTH μm
CMVC100701	 VCSEL	850 nm +/- 8 nm	50G PAM4, also 10, 25, 100G PAM4	Singlet	230 +/- 20
CMVC100804	 VCSEL	850 nm +/- 8 nm	50G PAM4, also 10, 25, 100G PAM4	1 x 4 Array	980 +/- 20
CMVC100912	 VCSEL	850 nm +/- 8 nm	50G PAM4, also 10, 25, 100G PAM4	1 x 12 Array	2960 +/- 20
CMPD500701	 PD	850nm (800-880)	50G PAM4, also 10, 25, 100G PAM4	Singlet	230 +/- 20
CMPD500804	 PD	850nm (800-880)	50G PAM4, also 10, 25, 100G PAM4	1 x 4 Array	980 +/- 20
CMPD500912	 PD	850nm (800-880)	50G PAM4, also 10, 25, 100G PAM4	1 x 12 Array	2960 +/- 20
CMVC101901	 VCSEL	880 nm +/- 8 nm	50G PAM4, also 10, 25, 100G PAM4	Singlet, 1 x 4, & 1 x 12	 Associated PD also available
CMVC103101	 VCSEL	910 nm +/- 8 nm	50G PAM4, also 10, 25, 100G PAM4	Singlet, 1 x 4, & 1 x 12	 Associated PD also available
CMVC104301	 VCSEL	940 nm +/- 8 nm	50G PAM4, also 10, 25, 100G PAM4	Singlet, 1 x 4, & 1 x 12	 Associated PD also available
CMVC105501	 VCSEL	980 nm +/- 8 nm	50G PAM4, also 10, 25, 100G PAM4	Singlet, 1 x 4, & 1 x 12	 Associated PD also available

In development Q3/Q4 2026

eGaAs™ (Dilute Nitride)

			VCSEL	1310nm & 1550nm	Telecom Spec TBD	Singlet, 1 x 4, & 1 x 12		Associated PD also available
			VCSEL	13xxnm -15xxnm	Sensing, Lidar	Singlet, 1 x 4, & 1 x 12		Associated PD also available
			EEL	13xxnm -15xxnm	Sensing, Lidar, Telecom	Singlet, 1 x 4, & 1 x 12		Associated PD also available

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* 50, 100 Gbps PAM4

- Available in Gelpak or Grip Ring

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