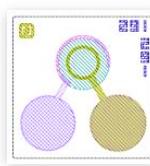
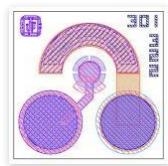




**CACTUS**  
MATERIALS



## PRODUCT LIST

### GaAs Lasers & Detectors

LEAD TIME: 12 to 16 weeks

PART NUMBER	TYPE	WAVELENGTH	DATA RATE*	ARRAY	LENGTH $\mu$ m	
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

CACTUS MATERIALS, INC.

2507 W GENEVA DR  
TEMPE, AZ 85282  
+1 (480) 662-9572 General  
+1 (480) 559-0512 A. Swinger, Bus. Dev.

\* 50, 100 Gbps PAM4

- Available in Gelpak or Grip Ring

<https://www.cactusmaterials.com>  
Sales@cactusmaterials.com

