

# VIXAR® – VCSEL Product Portfolio Overview

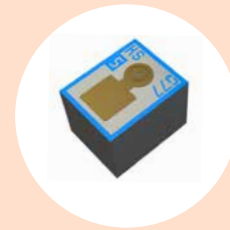
## Low-Power (< 0.5 W)

### Bare Die



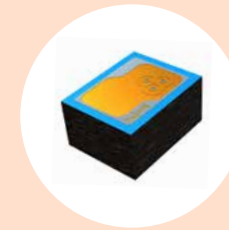
Power ≈ 5.5W  
680nm

[V00146](#)



Power < 0.5W  
795nm, 895nm

[V00145](#)  
[V00140](#)



Power ≈ 12mW  
940nm

[V00101](#)

### Plastic Package



Power ≈ 7mW  
680nm

[V00002](#)

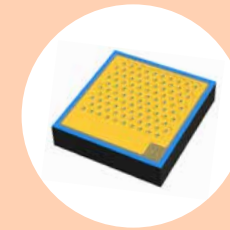


Power ≈ 1.5mW  
680nm

[V00013](#)

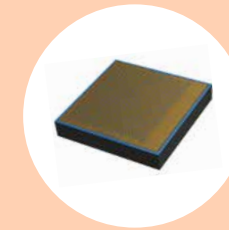
## Mid-Power (0.5–4.0 W)

### Bare Die



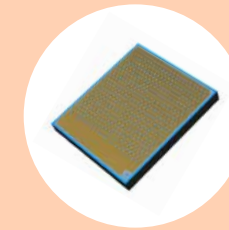
Power ≈ 0.5W  
850nm

[V00151](#)



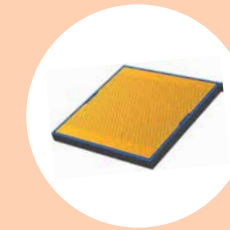
Power ≈ 2W  
850nm, 940nm

[V00027](#)  
[V00059](#)



Power ≈ 3W  
850nm, 940nm

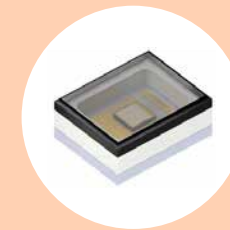
[V00124](#)  
[V00081](#)



Power ≈ 4W  
850nm, 940nm

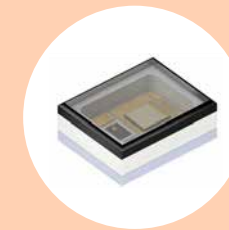
[V00029](#)  
[V00063](#)

### Ceramic Package



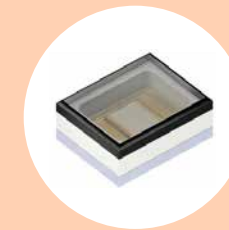
Power ≈ 2-3W  
850nm, 940nm

[V102C021A-850](#)  
[V00100](#)  
[V102C021A-940](#)  
[V00065](#)



Power ≈ 2-3W  
Feature: Photodiode  
850nm, 940nm

[V102C121A-850](#)  
[V102C121A-940](#)  
[V105C121A-940](#)  
[V105C131A-940](#)  
[V105C141A-940](#)

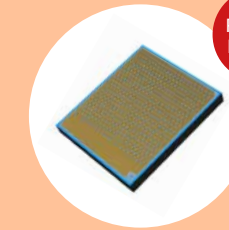


Power ≈ 4W  
850nm, 940nm

[V107C021A-850](#)  
[V107C000A-850](#)  
[V107C021A-940](#)  
[V00103](#)  
[V00129](#)  
[V00130](#)

## High-Power (>4.0 W)

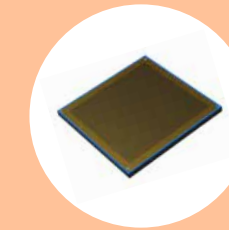
### Bare Die



Power ≈ 7-10W  
940nm

# Junctions = 2, 3

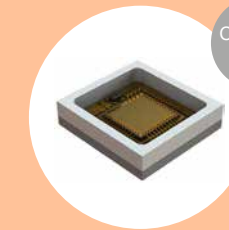
[V00155](#)  
[V00156](#)



Power ≈ 10W  
850nm, 940nm

[V00132](#)  
[V00133](#)

### Ceramic Package



Power ≈ 10W  
850nm, 940nm

[V00152](#)  
[V00154](#)