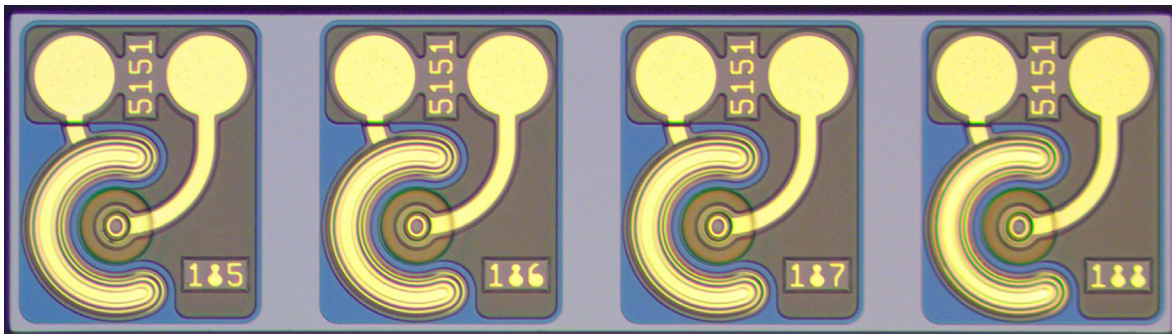


850 nm 100 Gbps PAM-4 Multimode VCSEL

APA4701xxyy03



FEATURES

- 850 nm multimode emission
- High bandwidth
- Data rates from DC to 106 Gb/s PAM-4
- Top contact GS configuration with common cathode electrodes
- High reliability
- Nemo® technology
- High humidity robustness, GR468 compliant
- Available as single chip, 2, 4, and 12 channel array
- RoHS compliant

APPLICATIONS

- Single channel and parallel fiber optical communication links
- Transceivers, active optical cables

Ordering Information

Product Code Part	Available Options		
xx = Array size	01	for	Single channel chip
	02	for	1x2 channel array
	04	for	1x4 channel array
	12	for	1x12 channel array
yy = Shipment format	00	for	Diced 3-inch wafer on UV tape on metal lead frame Ø 230 mm, electronic wafer map provided (standard high volume)
	01	for	Known Good Dies on UV tape on grip ring Ø 150 mm (medium volume)
	02	for	Known Good Dies in 2-inch Gel-Pak (low volume)

Safety

This classification refers exclusively to our component and serves only as an indication for the classification according to EN 60825-1.

It is in the system manufacturer's responsibility to classify the integrated product.



RoHS and REACH Compliance

We are fully committed to environment protection, human health and sustainable development and have set in place a comprehensive program for removing polluting and hazardous substances from all our products. The relevant evidence of RoHS and REACH compliance is held as part of our controlled documentation for each of our compliant products.