



EUV photodiode

Model : ST-EUV25

General Features:

- SiC-based extreme ultraviolet (EUV) photodiode
- Excellent stability under high fluence EUV exposure
- Photovoltaic mode operation
- Visible blind and low dark current
- Windowless TO-8 metal housing
- High detection efficiency for 13.5 nm EUV radiation

Applications: EUV radiation monitoring and flux measurement

Specifications:

Parameters	Symbol	Value	Unit
Maximum ratings			
Operation temperature range	T_{opt}	-20-80	°C
Storage temperature range	T_{sto}	-55-90	°C
Soldering temperature (3 s)	T_{sol}	260	°C
Maximum reverse voltage	V_{r-max}	-20	V

Electro-Optical characteristics (25 °C)

Chip size