Group III Nitride

Semiconductors for massive energy saving future communication our health

InN GaN AIN

- Direct bandgap with energy covering a wide range from the deep ultraviolet to infrared region of the electromagnetic spectrum - Suitable for both optoelectronic and electronic devices

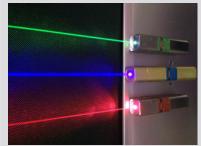
Blue & Green **Laser Diodes**

Light Emitting Diodes (LEDs)

Power Electronics

RF **Electronics**

Applications



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- Data storage
- Displays
- Projector

- Solid state lighting
- Horticulture
- Water purification
- Communication



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- Power supplies

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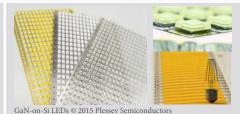
- Consumer electronics
- Clean energy
- Automobile

- Mobile communications infrastructure
- Military systems

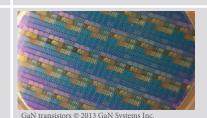


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Characteristics



Compact Efficient Long-lasting Controllable



High-current High-voltage High switching speed High efficiency



