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## EMCORE Photovoltaics Division

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EMCORE Photovoltaics

## Solar Cell & Panels for Space Based Communications & Terrestrial Power



### ▪ Markets

- Satellite Power Systems
- Terrestrial CPV Power Systems

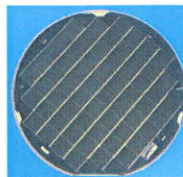
### ▪ Major Customers

- Space Systems / Loral, Boeing, Lockheed Martin, Northrop Grumman, Astrium
- All of the Major CPV System Integrators – Green and Gold Energy, CS La Mancha, Isofoton and Others to Be Announced

### ▪ Products

- High Reliability Space Power Components Using 28.5% Efficiency Solar Cells
  - Fully Integrated Solar Panels
  - Covered Interconnected Cells
- Terrestrial CPV Products Based on 36% Efficient Multi-junction Solar Cells
  - CPV Receivers – Customized or Standard Design
  - Bare Solar Cells

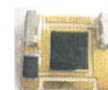
Space Solar Cells



Terrestrial Solar Cells



Space Solar Panels



Terrestrial Receivers

EMCORE PROPRIETARY INFORMATION