

## AT A GLANCE

A compact RF PIC assembly for fast and convenient prototype development up to 40 GHz.

### Features

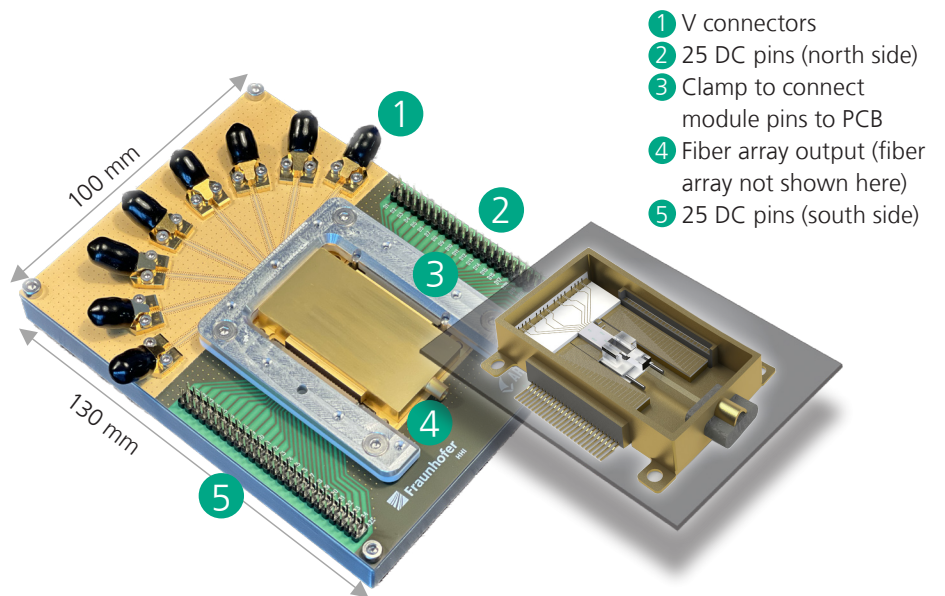
- 8 RF I/O ports
- 8 optical I/O ports
- 42 DC I/O ports
- Therm. controllable
- Lid cover available

### Applications

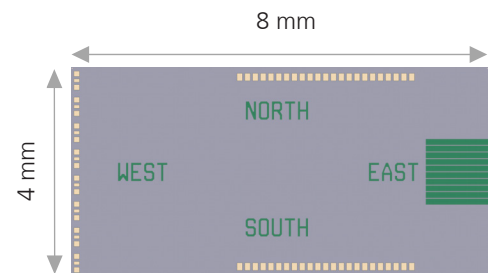
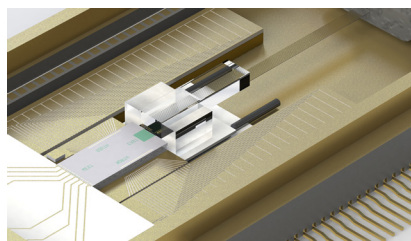
- controlling PICs for telecom applications, signal processing, signal generation and more
- enabling fast prototype development
- replacing expensive lab equipment
- overcoming manual electrical probing and optical coupling
- standardizing measurements

### Technical Background

RFconnect, Fraunhofer HHI's fiber coupled RF PIC assembly, states a compatible expansion of the already established DC multisource PICconnect. The thermally controllable assembly with 8 RF & optical ports and 42 DC ports facilitates the connection of RF measurement equipment.



RFconnect Evaluation Board with clamped module including the PIC



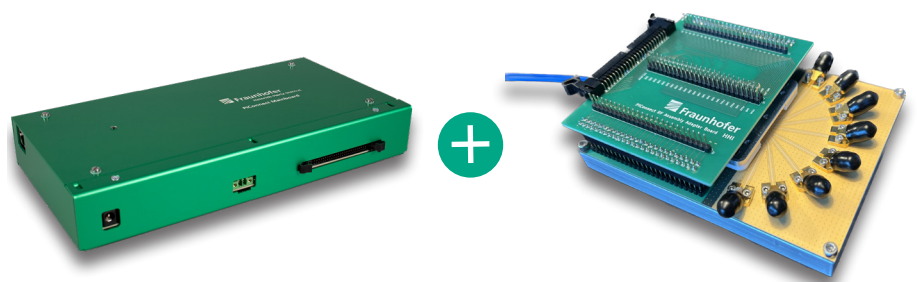
Packaged PIC with RF, DC and fiber coupling (left), RFconnect PIC design template (right)

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Expansion Board to connect HHI's DC multisource **PICConnect Mainboard**