

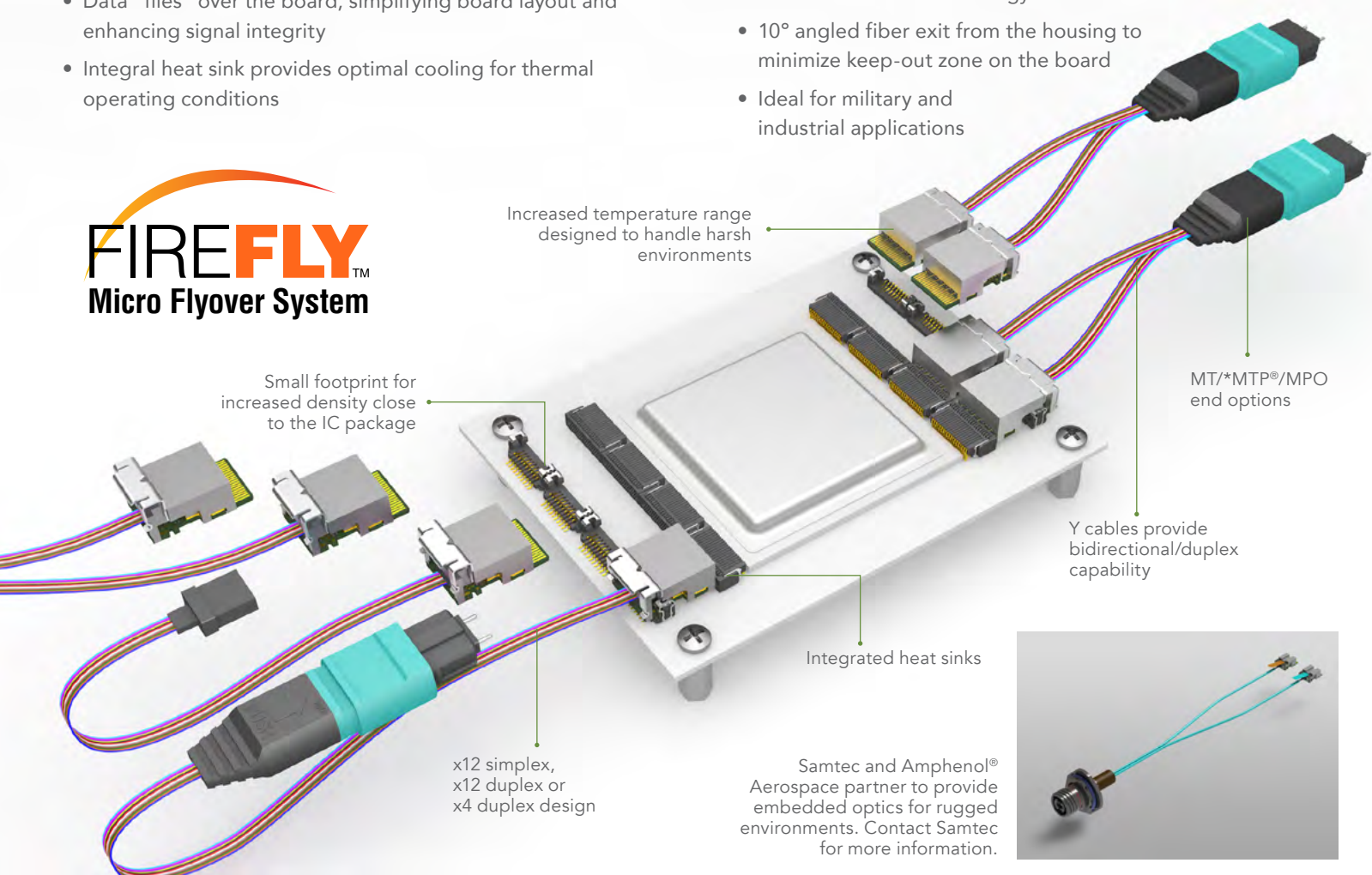


# EXTENDED TEMPERATURE MID-BOARD OPTICAL SYSTEM

## FIREFLY™ XT MICRO FLYOVER SYSTEM™

- Extended temperature range from -40 °C to +85 °C (ETUO Series) versus standard 0 °C to +70 °C (ECUO Series)
- High speed performance to 10 Gbps per channel
- x12 simplex, x12 duplex or x4 duplex optical transceiver system
- Demonstrated error-free transmission during applied external vibrations and shock test, to methods specified in MIL-STD-810G
- Data “flies” over the board, simplifying board layout and enhancing signal integrity
- Integral heat sink provides optimal cooling for thermal operating conditions
- High density solution with an extremely small footprint for close proximity to the data source
- MT/\*MTP®/MPO standard end options (Other options available. Contact Samtec.)
- Micro rugged board level connector system with positive latching, weld tabs and loading guides for secure connection
- Multi-mode fiber technology
- 10° angled fiber exit from the housing to minimize keep-out zone on the board
- Ideal for military and industrial applications

### FIREFLY™ Micro Flyover System



### System

- ETUO – Extended Temperature FireFly™ Active Optical Micro Flyover Cable Assembly
- UCC8 – FireFly™ Positive Latching Receptacle
- UEC5 – FireFly™ Edge Card Socket Assembly

For more information on Samtec's FireFly™ Micro Flyover System™, please visit [www.samtec.com/firefly](http://www.samtec.com/firefly) or contact Samtec Optical Group at [optics@samtec.com](mailto:optics@samtec.com)

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