



TURNKEY

PCB/Flex Circuit Assemblies

Full-service: from concept and design through fabrication, assembly and test

PCB/flex circuit assemblies solve a myriad of problems for the electrical engineer. PCB/flex circuits offer unsurpassed size and weight reduction compared to cable bundles, especially in tight spaces with multi-branch routing. Flex circuitry offers outstanding mechanical performance, and is able to withstand extreme vibration environments and extended duty through thousands of flexing cycles. Replacing complicated wire bundle assemblies with high-density flex assures faster, error-free LRU assembly.

Glenair offers full-service, turnkey PCB/flex circuit assembly in our vertically-integrated design and manufacturing lab—from concept and Gerber design layout, through PCB/flex fabrication, termination to any of our I/O, board level or mezzanine connectors, and rigorous system validation testing and inspection. Ask us about our quick-turn 3D prototyping services.

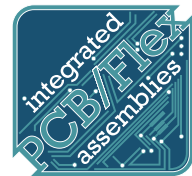
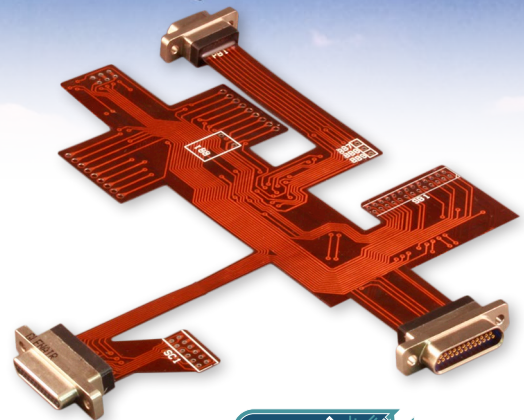


AS 9100
REGISTERED

Our flex fabrication cell delivers IPC 6012 and 6013 Class I, II, and III, types 1-4 manufacturing and is managed under the same ISO 9001 and AS9100 certified quality system as the rest of the Glenair operation



ISO 9001:2008
Registered



ADVANTAGES OF FLEX CIRCUITRY

- Optimal size and weight reduction
- Repeatable, reliable installation virtually eliminates wiring errors
- Withstands high levels of shock and vibration
- Convenient packaging and integration
- Up to 1 million flex and duty cycles