

PERFORMANCE ENHANCEMENTS

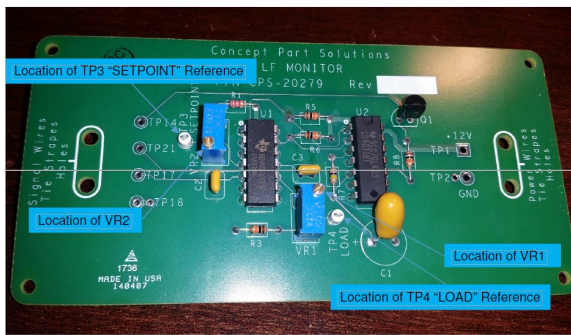
Sustainable Solutions is Our Ongoing Commitment

Concept Part Solutions is dedicated to extending the lifetime of your maturing semiconductor manufacturing equipment. As your toolsets age and new processes emerge, we pursue every opportunity through our Continuous Improvement Program (CIP) to offer important enhancements that increase the reliability, productivity, and performance of your install base.



Concept One Dielectric

Low Frequency RF Monitoring



Eliminating wafer scrap is vitally important for semiconductor manufacturers. As chip producers push the capabilities of the C1D system, CPS strives to provide solutions for newly encountered issues. CPS is happy to announce the release of the LF RF Monitoring Upgrade to aid in the elimination of potential scrap events.

The Low Frequency Monitoring Upgrade provides Concept One users the confidence to run process recipes with LF setpoints lower than 150 watts. Currently, the C1D software does not monitor LF generator set points lower than 150 watts; this could result in the system failing to see output power issues at these lower setpoints. The LF Monitoring Upgrade adds a hardware monitoring circuit that will allow the system to alarm and pause the currently running process if the LF generator analog return load input to the C1D does not meet a preset minimum threshold value during deposition.

Upgrade Benefits

- Monitoring of LF RF generator outputs from 50w to 150w
- Elimination of potential wafer scrap due to unreported error events
- Immediate ROI



Corporate Headquarters
Concept Part Solutions, Inc.
2047 Zanker Road
San Jose, CA 95131
Tel: 408.855.8585
www.conceptpartsolutions.com

Concept One 150mm and 200mm
Low Frequency RF Monitoring

**Get More Information on
System Performance Enhancements**

To find out how to improve the performance and productivity of your CPS supported systems, call your local CPS Sales and Service Office for complete ordering information, or visit www.conceptpartsolutions.com.

System Prerequisites:

None

Ordering Information:

C1D LF RF Monitor Upgrade

CPS-20295

Some Upgrades may require an audit of your System; Contact your local CPS Representative to verify the Upgrade Kit before ordering.