

New RF Power System for the AMAT HDPCVD Chamber



Upgrade YOUR existing ETO Rack with a lower cost and sustainable solution

Why the need to replace the old ETO Racks

Obsolete ETO Rack System; Common issues

- Frequent breakdowns and malfunctions resulting in an increased downtime
- High maintenance cost
- Fire Risk
- Not energy efficient
- Key parts obsolete and not readily available
- Limited support

Why the need to replace obsolete ETO Rack with One Semi Solution

- Enhanced performance resulting in improved process stability and deposition quality
- Improved reliability and uptime by 5%
- Lower maintenance cost by 60-80% a year
- Cheaper power cost savings by 60% a year
- Significant cost savings compared to the OEMs solution

ETO

- Patented class D EF switching power Amp
 - High energy efficiency
 - High tolerance for reflected power

Full Digital Control

- Low harmonic/spurious noise
- Arcing protection/suppression scheme
- Smaller footprint and less weight

One Semi has the HDPCVD ETO Rack Solution

- Less power consumption than the ENI alternative
- Cheaper than the ENI upgrade No China
- Fabs are going green and focused on energy conservation
- One Semiconductor installs & supports the upgrades out of Austin, Texas



About Us

The IQW Group has been supporting the semiconductor industry with value-added services for over 30 years. We are a manufacturer's representative, distributor, reseller and remarketer for process tools and critical parts. We also support our customers with refurbishing services, repair services, turnkey projects and labor resources. Our expertise in supporting the global semiconductor manufacturing market allows us to be highly flexible to meet our customers' needs.