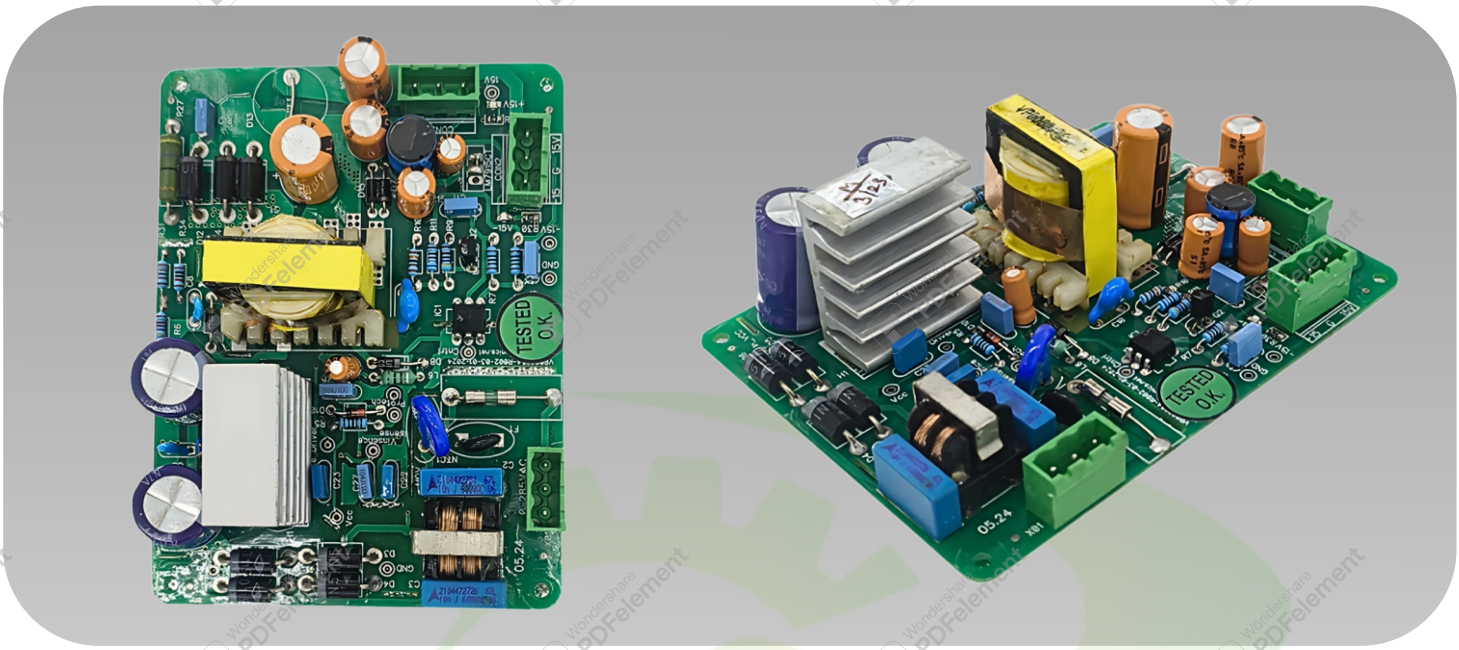
VP007473

ASS CARD - SMPS (+15, -15V,3A)



USES

- Voltage Sensor running + 15V , -15V
- +15V ,-15V SMPS
- All applications requiring efficient and cost-effective power supply solutions up to 75 W.

FEATURES

- SMPS controller IC enabling low-cost applications
- Large input voltage range (12 V to 30 V)
- Very low supply current during start-up and restart (typically 10 µA)
- Low supply current during normal operation (typically 0.55 mA without load)
- Overpower or high/low line compensation
- Adjustable overpower time-out
- Adjustable overpower restart timer
- Fixed switching frequency with frequency jitter to reduce EMI
- Frequency reduction with fixed minimum peak current to maintain high-efficiency at low output power levels
- Slope compensation for CCM operation
- Low and adjustable OverCurrent Protection (OCP) trip level
- Adjustable soft start operation
- Two protection inputs (e.g. for input UVP and OVP, OTP and output OVP)
- IC overtemperature protection

ADVANTAGES

- Excellent accuracy
- Very good linearity
- Low thermal drift
- Low response time
- High bandwidth
- High immunity to external
- Interference
- Low disturbance in common mode.

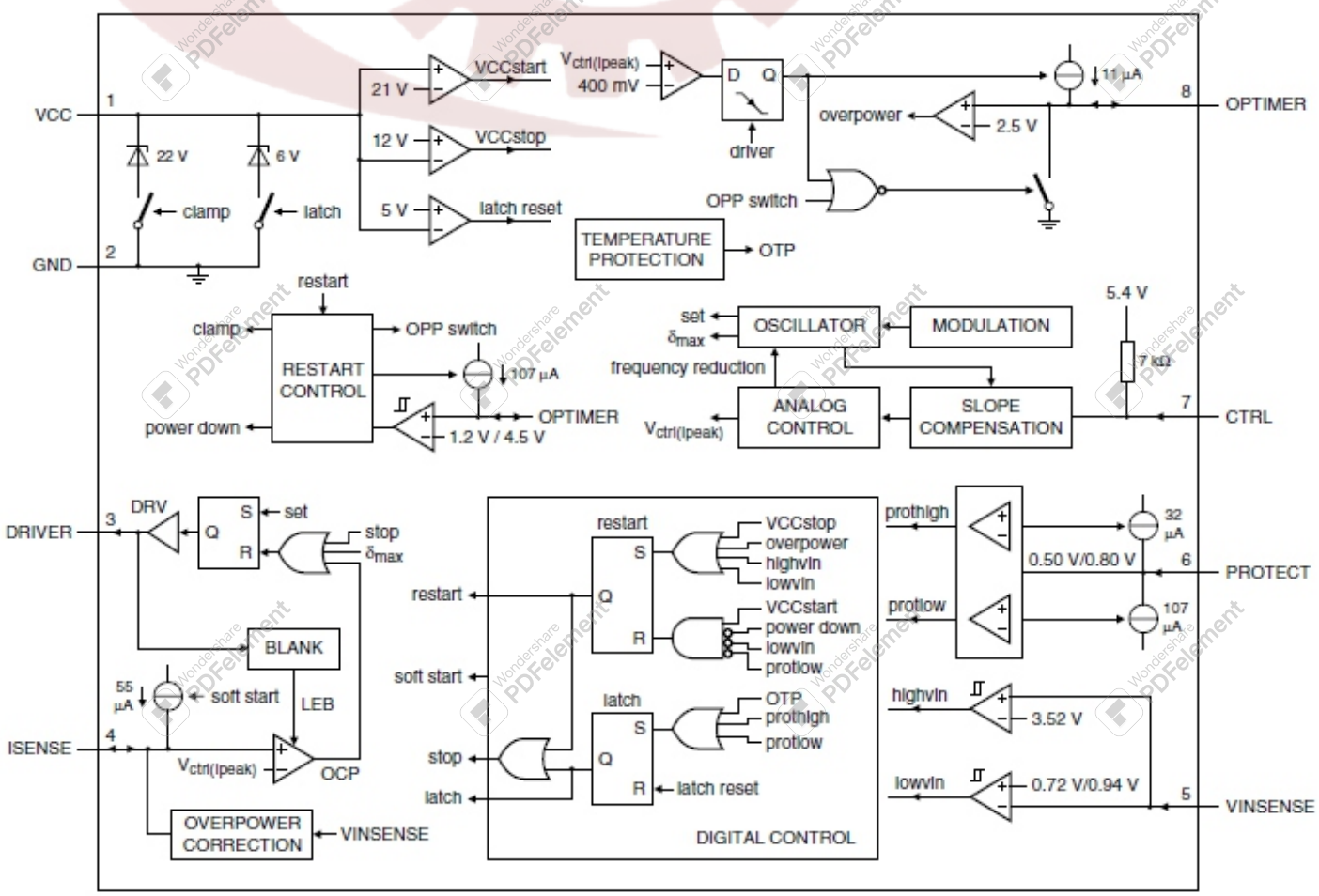
APPLICATIONS

- Where DC Source Required +15v, -15v
- Voltage Sensors (transducer + 15v, -15v)

SECONDARY TERMINALS

- Terminal + : output voltage +15V, G, -15V

MECHANICAL CHARACTERISTICS



MODULE LAYOUT

