4-wire RTD

Filtering

VINTP

VEXTN

VEXTP

R_REF

40Ω

FBP

SPI/I2C/JTAG

Connectors

VDD

GATE

ITEMP

VOUT

PGA900

COMP

Protection

4-20mA Loop-powered

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Version control disabled

SVN Rev: TIDA-00851 Number: Rev: E1

TID #: TIDA-00851

Orderable: N/A
PT100 Front-End

Printed Circuit Board (PCB) design for a 4-20mA loop powered RTD transmitter.

Design by: [Engineer]
Drawn by: [Drawn By]

Sheet Title: [TIDA-00851_BlankSheet.SchDoc]
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Contact: [Contact]
Assembly Variant: [Assembly Variant]

[Diagram showing electrical connections and components]
4-20mA loop powered RTD transmitter

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These assemblies must comply with workmanship standards IPC-A-610 Class 2, unless otherwise specified.

- **Assembly Note ZZ1:** These assemblies are ESD sensitive; ESD precautions shall be observed.
- **Assembly Note ZZ2:** These assemblies must be clean and free from flux and all contaminants. Use of no clean flux is not acceptable.
- **Assembly Note ZZ3:** These assemblies must comply with workmanship standards IPC-A-610 Class 2, unless otherwise specified.
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