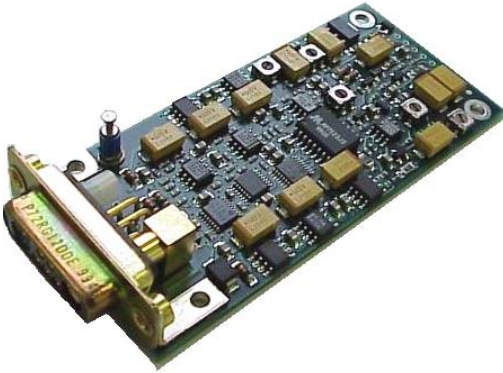


X-RAY Detectors

MP103 Preamplifier



MP103 Applications

- Charge Sensitive Pre-amp
- X-ray Florescence
- Pin Diode Detectors
- Si-Li Detectors

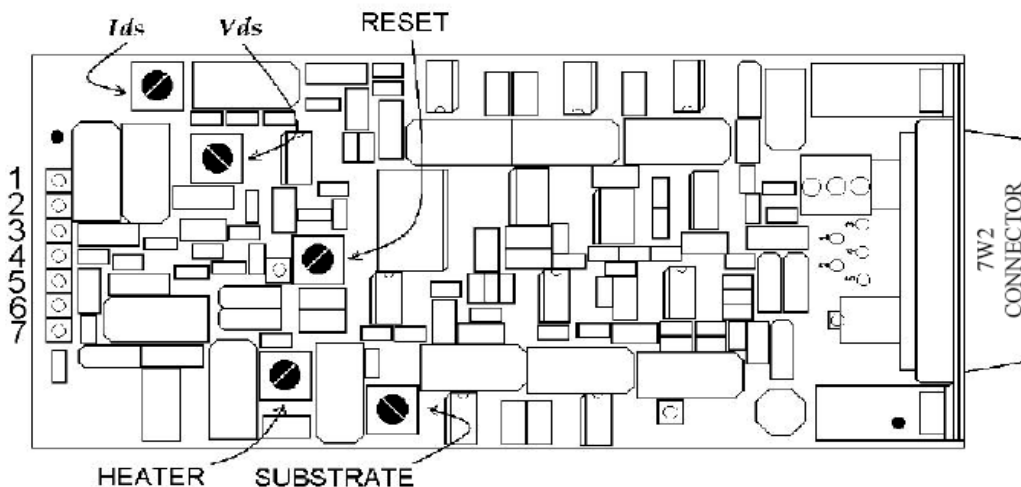
Features

Ultra Low Noise
 Designed to work with 4-terminal JFET with transistor reset
 Small package size
 A standard cable is available

Benefits

Adjustable operating point to optimize noise
 Adjustable Substrate Voltage
 Coded External JFET
 Portable

| Pin | Connection | 7W2 Pin | Connection |
|-----|------------|---------|--------------|
| 1 | Drain | 1 | +24 Volts |
| 2 | Source | 2 | -24 Volts |
| 3 | Feedback | 3 | Inhibit |
| 4 | Substrate | 4 | N/C |
| 5 | Ground | 5 | Ground |
| 6 | Reset | A1 | High Voltage |
| 7 | Heater | A2 | Signal out |



452 West 1260 North
 Orem, UT 84057
 P 801.225.0930
 F 801.221.1121

www.moxtek.com

MP103 Ordering Information

Please contact MOXTEK for price and delivery information.