



### Target performance specifications for TSR projects

- \* Nominal resistance standards with thermal stabilization
- \* Values 1 Ohm, 10 Ohm, 100 Ohm, 1kOhm, 10kOhm, 100kOhm, 1Meg
- \* Resistive elements: VPG BMF VHP101 or similar
- \* 24 hour stability : <0.1 ppm (8 digit) in +18°C to +28°C ambient range
- \* Output tempco : <0.1ppm/K
- \* Stabilized temperature : +35 to +45 °C range, stability 50mK or better
- \* Configuration : Single elements or hand-selected arrays
- \* Heater : Integrated analog controller, heater mounted to copper thermal anchor
- \* Power input : 12VDC, 2.5A supply max
- \* Thermal sensor : RTD or NTCs (2 per block, one for heater, one for external 4-wire)