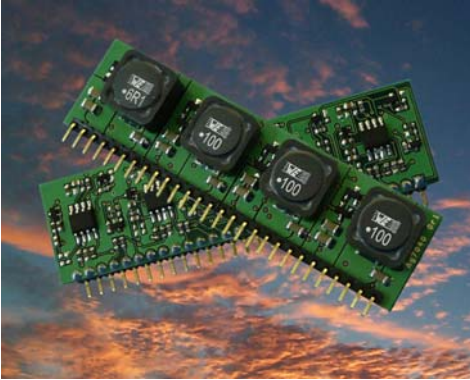


Ag7040

V1.2
June 10

Quad output Point Of Load (POL) converter



- **Four POL outputs**
- **36W input shared across 4 outputs (3x3A max, 1x6Amax)**
- **4 Programmable output voltages (0.8V – 5.5V)**
- **Power up sequencing**
- **Remote voltage sensing**
- **Power Good line**
- **Thermal Cut Off**
- **Over current protection**
- **Output disable**
- **High efficiency > 91%**
- **Microprocessor control**
- **Simple Integration**

The Ag7040 is a four output non isolating DC-DC converter in a single compact module. The module is available in Single in Line (SIL) format.

The module has a 12V input and this is regulated to give four separate output voltages. The output voltages are programmable between 0.8v to 5.5v.

The 'switch on' of these output rails can be sequenced to insure the correct

power-on procedure for your product. The module provides a Power Good line, signalling all voltages are on and also a Power Disable line to disable all outputs.

The total output power for the four outputs is over 32W and this is shared as required across all the outputs. The module provides one high power output that will be capable of providing up to 6A and the rest will be limited to 3A.

Each rail has single ended remote sensing to compensate for voltage drops in the positive rail tracking.

The Ag7040 is one of a family of converters offering exceptional power density, low noise performance, high efficiency with Silvertel's exceptional reliability and ease of use.

This module is aimed at embedded applications where space, reliability and cost are important.

