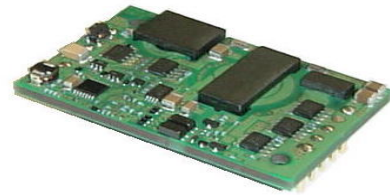


# Quarter Brick DC-DC Converter Module (Isolated)

Model **FH0080DI / FH0100DI**

## Product Feature

- ◆ Quarter Brick Size
- ◆ Isolation : 2250VDC Input to Output
- ◆ High Efficiency & High Density
- ◆ High Reliability - no aluminum and tantalum electrolytic capacitors
- ◆ Built -in Remote ON/OFF
- ◆ Over Voltage , Over Current & Thermal Protection
- ◆ Output voltage remote sense



Input Characteristics			
Input Voltage Range	DC48V (Nominal) /DC36V ~72V		
Input Current	1.9 A (FH0080DI) 2.5 A (FH0100DI)	@ DC48V input, Nominal Load	
Input Under Voltage Range	DC28V~ 31V	Shut off (On => Off )	
	Less than DC33V	Power on (Off => On)	
Efficiency	90%		
Output Characteristics			
Model name	FH0080DI	FH0100DI	
Output Configuration	+3.3V	+5.0V	
Voltage Adjust Range	+15% / -15%	+15% / -15%	
Output Current	Nominal	25A	20A
	Maximum	25A	20A
	Minimum	0A	0A
Static Voltage Regulation	+1% / -1%	+3% / -3%	
Dynamic Voltage Regulation	+1% / -1%	+3% / -3%	
Ripple & Noise	100 mVp-p	100 mVp-p	
Current Limit Protection	26.25A - 35.0A	21.0A - 28.0A	
Over Voltage Protection	4.0V - 4.6V	6.1V - 7.0V	
Output Power	82.5W	100W	
	Remote Sense, Remote ON/OFF, Voltage Trim		
Environmental			
Operating Temperature	-10°C to 85°C		
Relative humidity	5 to 95% (Non-Condensing)		
Cooling	Force air 1m / sec		
Physical Specifications			
Dimensions	1.49 x 2.28 x 0.40 " / 36.8 x 57.9 x 10.2mm		