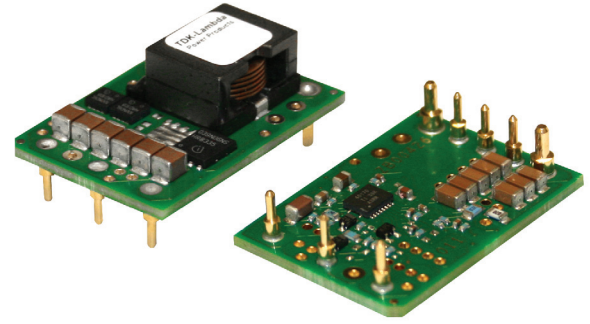


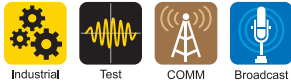
## 250W, 9-53V Input Non-isolated DC-DC Converter

### Features

- ◆ Up to 250W Output
- ◆ 1/16th brick Footprint
- ◆ Wide Output Adjustment 3.3 to 15V or 3.3 to 40V
- ◆ Minimal External Components Needed
- ◆ Constant Switching Frequency



### Key Market Segments & Applications



Specifications		Model	I6A4W010A033V	I6A4W020A033V
DC Output Voltage	V		3.3 to 40V	3.3 to 15V
DC Output Power (max)	W		250	
DC Input Voltage	V		9 to 53 (Turn on at 10V or greater)	
Efficiency	%		90 - 97	
Output Voltage Tolerance	%		±4	
Switching Frequency	kHz		400	
Line Regulation	%		0.4%	0.3%
Load Regulation	%		0.9%	1.2%
External Load Capacitance	uF		0 - 1500	
Output Ripple and Noise	mVpp		50	20
Overcurrent Protection	A		27	
Remote On / Off	-		See options table	
Remote Sense	-		(+ Sense, compensating up to 5% of output voltage	
Power Good	-		Optional (Full Feature Version)	
Sync & Sequencing	-		Optional (Full Feature Version)	
Operating Temperature	°C		-40 to 125 (see thermal data on website)	
Storage Temperature	°C		-55 to 125	
Safety Agency Certifications	-		UL/EN60950-1, CE Mark	
Weight	g / oz		15g / 0.53 oz	
Size (LxWxH)	mm / in.		33 x 22.9 x 12.7 / 1.3 x 0.9 x 0.5	
Warranty	yrs		3 years	

