

# New Product Announcement



## New 600W TVS in SMAF Package — P6SMAFJxA Series

### FEATURES:

- Peak Pulse Power Dissipation:  $P_{PPM} = 600W$ , in condition of 10/1000  $\mu s$
- Reverse Stand-off Voltage Range: 5V to 8V
- SMAF package for space constrained utilization with 1.2 mm thickness
- Unidirectional TVS

### APPLICATIONS:

- Transient Voltage Surge Protection
- Power Management
- Industrial Application

### MAIN SPECIFICATIONS:

Part Number	Package	$P_{PPM}$ W	$V_{RWM}$ V	$V_{BR}@I_T$		$I_T$ mA	$I_R@V_{RWM}$ $\mu A$	$I_{PP}$ A
				Min.	Max.			
				V	V			
P6SMAFJ5.0A	SMAF	600	5	6.4	7.25	10	800	65.2
P6SMAFJ6.0A	SMAF	600	6	6.67	7.67	10	800	58.3
P6SMAFJ6.5A	SMAF	600	6.5	7.22	8.3	10	500	53.6
P6SMAFJ7.0A	SMAF	600	7	7.78	8.95	10	200	50
P6SMAFJ7.5A	SMAF	600	7.5	8.33	9.85	1	100	46.5
P6SMAFJ8.0A	SMAF	600	8	8.89	10.23	1	50	44.1

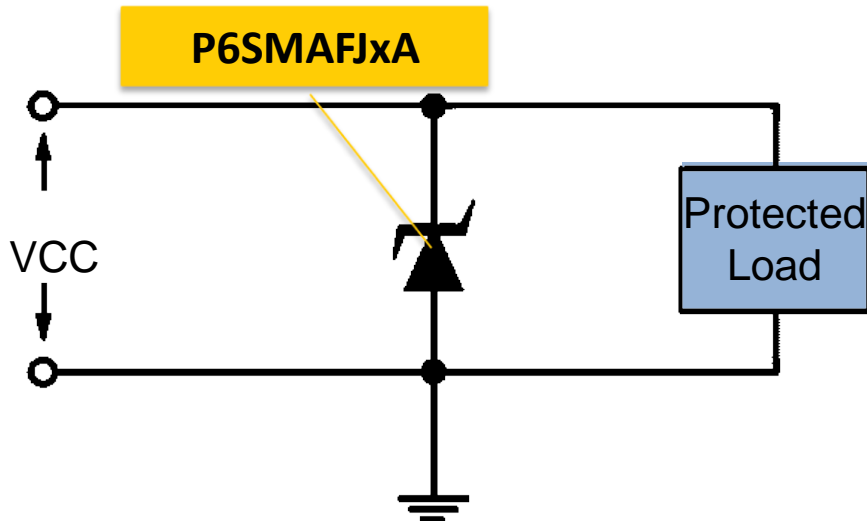
PanJit International Inc. has announced a new series of 600W unidirectional Transient Voltage Suppressor. This series has come in a variety of voltage range from 5V to 8V, and is mainly designed for protecting the power line from transient overvoltage.

The P6SMAFJxA series also match [IEC61000-4-2 ESD level 4](#).

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## APPLICATIONS SCHEMATIC:

### • Power Management Port Protection



#### Notes

- Samples are available now.
- For complete datasheet and product information, please visit PAN JIT's website.
- For furthering ordering information, please contact us directly.
- For more information on other products, please visit PAN JIT's website.