

# New Product Announcement

SEMI  
CONDUCTOR

## New TVS Diode for Interference Avoidance - PJSRV05W-4SW6

### FEATURES:

- IEC61000-4-2 ESD 15kV AIR, 8KV contact compliance
- Low leakage current
- Low clamping voltage
- Four I/O lines protection
- $I_{pp}=5A$  under 8/20  $\mu s$  waveform

### APPLICATIONS:

- USB 2.0 power/data line protection
- Digital video interface (DVI)
- Monitor & flat panel displays
- Video graphics cards

### MAIN SPECIFICATIONS:

Part Number	Package	$V_{RWM}$	$V_{BR}@I_T$		$I_T$	$I_R@V_{RWM}$	$I_{pp}$	$C_j$
		V	Min.	Max.	mA	$\mu A$	A	pF
			V	V				
PJSRV05W-4W6	SOT-23-6L	5	6	8	1	3	5	1.2
<b>PJSRV05W-4SW6</b>	SOT-23-6L	5	6	9	1	3	5	1.2

Note:  $C_j$  value is under the condition of 0 Vdc, f=1MHz between I/O lines and ground

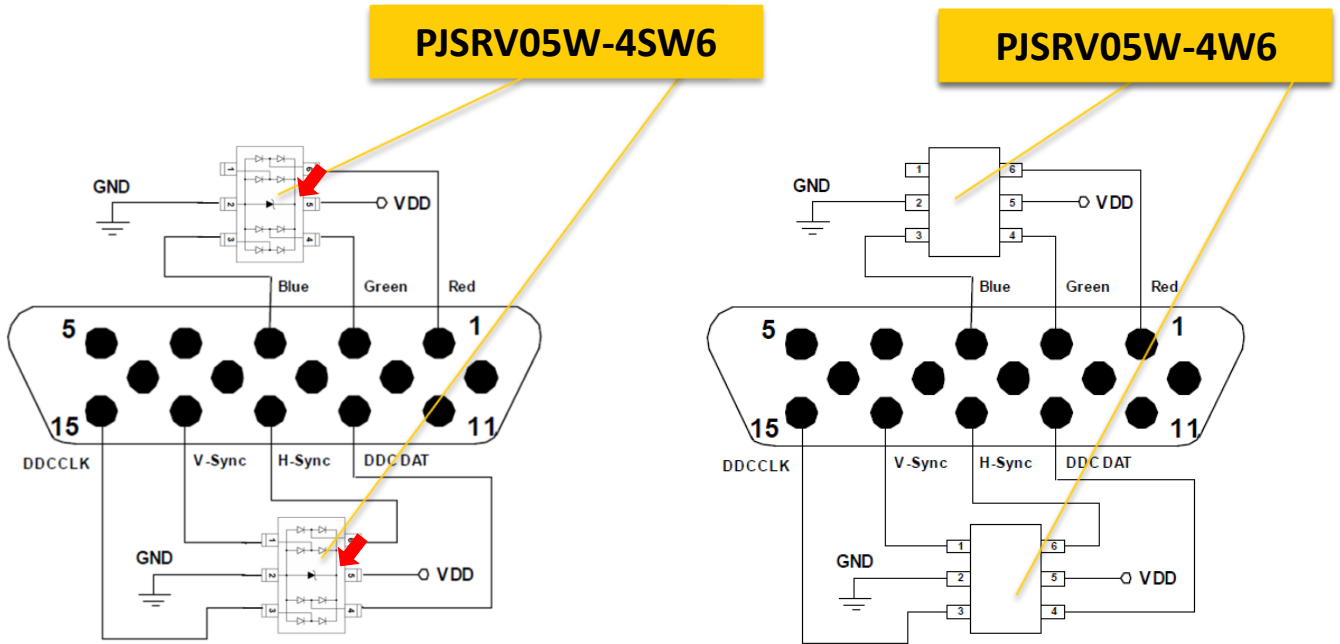
PanJit International Inc. has expanded its PJSRV05W series with a new constructed low capacitance TVS – PJSRV05W-4SW6. Due to no connection with the VDD line, PJSRV05W-4SW6 is able to avoid the interference caused by the electrostatic, strengthen the system stability.

In addition, TVS is selected according to the working peak reverse voltage ( $V_{RWM}$ ), which should be equal to or greater than the DC or continuous peak operating voltage level.

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## APPLICATIONS SCHEMATIC:

### • VGA Circuit in Monitor



#### 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.