

Maximum Ratings and Thermal Characteristics ($T_A = 25^{\circ}C$ unless otherwise noted)

PARAMETER	SYMBOL	VALUE	UNITS	
ESD IEC61000-4-2(Air)	V	±15	kV	
ESD IEC61000-4-2(Contact)	V _{ESD}	±12		
Operating Junction Temperature Range	TJ	-55 to +125	°C	
Storage Temperature Range	Tstg	-55 to +150	°C	



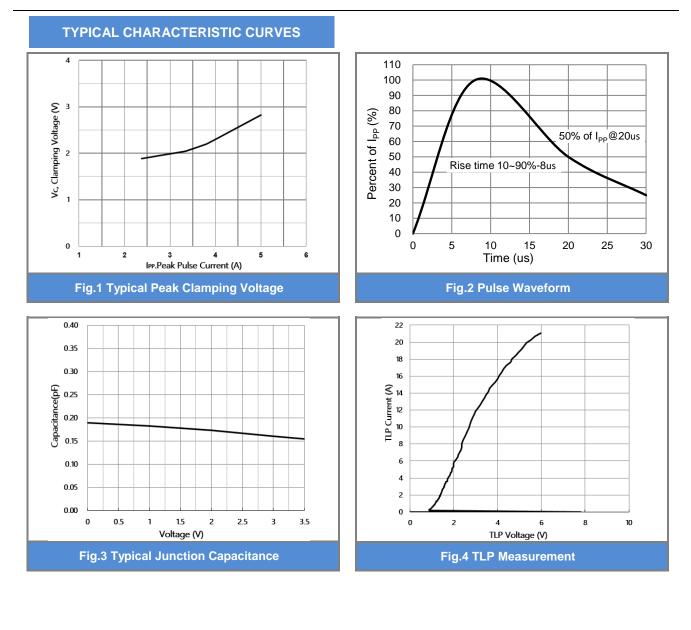
Electrical Characteristics (T_A = 25°C unless otherwise noted)

PARAMETER	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNITS
Reverse Stand-Off Voltage ^(Note 1)	Vrwm	I/O Pin to GND	-	-	3.3	V
Reverse Breakdown Voltage	VBR	R IBR = 1mA, I/O Pin to GND		-	10	V
Reverse Leakage Current	I _R	$V_R = \pm 3.3 V$, I/O Pin to GND	-	0.5	1	uA
Surge Clamping Voltage (8/20us)	Vc	IPP = 5A, I/O Pin to GND	-	2.8	3.8	V
TLP Clamping Voltage (tperiod=100ns,tr=1ns)	Vc	I _{TLP} = 16A, I/O Pin to GND	-	4.1	-	V
Junction Capacitance	CJ	$V_R = 1.65V$, f = 1MHz, I/O Pin to GND	-	0.17	0.22	pF

NOTES :

- 1. A transient suppressor is selected according to the working peak reverse voltage(V_{RWM}), which should be equal to or greater than the DC or continuous peak operation voltage level.
- 2. Testing using Transmission Line Pulse (TLP) conditions: $Z0 = 50\Omega$, $t_P = 100$ ns.
- 3. This parameter is guaranteed by design.



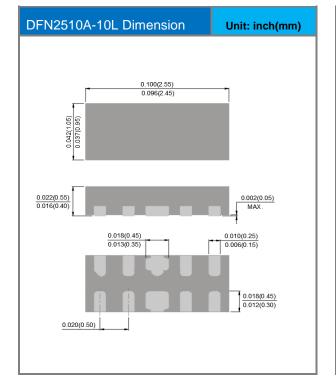


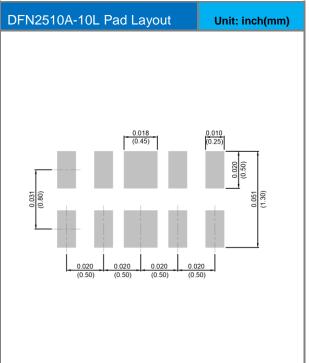


Product and Packing Information

Part No.	Package Type	Packing Type	Marking
PS4203-DFA	DFN2510A-10L	3K pcs / 7" reel	423A

Packaging Information & Mounting Pad Layout







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