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PNE20030EP

200 V, 3 A hyperfast PN-rectifier

High power density, hyperfast PN-rectifier with high-efficiency planar technology, encapsulated in a small and flat lead CFP5 (SOD128) Surface-Mounted Device (SMD) plastic package.

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Features

- Reverse voltage $V_R \leq 200\text{ V}$
- Forward current $I_F \leq 3\text{ A}$
- Switching time $t_{rr} \leq 30\text{ ns}$

Target applications

- General-purpose rectification
- Reverse polarity protection
- Hyperfast switching

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Parametrics

Type number	Package version	Package name	Size (mm)
PNE20030EP	SOD128	CFP5	3.8 x 2.5 x 1

Package

Type number	Orderable part number, (Ordering code (12NC))	Status	Marking	Package	Outline version	Reflow-/Wave soldering	Packing
PNE20030EP	PNE20030EPX (9340 678 18115)	Development	DG	 CFP5 (SOD128)	<u>SOD128</u>		<u>Reel 7"</u> <u>Q1/T1</u>

Quality, reliability & chemical content

Type number	Orderable part number	Chemical content	RoHS / RHF	MSL	MSL leadfree
PNE20030EP	PNE20030EPX	Not available		1	1

Efficiency wins.



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