

## Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[IXYS Corporation](#)  
[DSEP30-03AS](#)

For any questions, you can email us directly:  
[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

# Product Detail

**Part Num:** DSEP30 -03AS  
**Description:** HiPerFRED<sup>®</sup> Diodes  
**Configuration:** Single  
**Package Style:** TO-263  
**Status:** Active/New Product: New product introduced within the last 12 - 18 months.

Parameter	DSEP30 - 03AS
VRRM, (V)	300
IFAVM, d = 0.5, Total, (A)	30
IFAVM, d = 0.5, Per Diode, (A)	30
@ TC, (°C)	135
IFRMS, (A)	70
IFSM, 10 ms, TVJ=45°C, (A)	300
VF, max, TVJ =150°C, (V)	1.02
@ IF, (A)	30
trr, typ, TVJ =25°C, (ns)	35
IRM , typ, TVJ =100°C, (A)	3
@ - di/dt, (A/μs)	200
TVJM, (°C)	175
RthJC, max, (°C/W)	0.85