

**nexperia**



Image may be representation.  
See specs for product details.

## PMBTA42,185

<b>Manufacturer Part Number:</b>	PMBTA42,185
<b>Manufacturer/Brand:</b>	Nexperia
<b>Part of Description:</b>	TRANS NPN 300V 0.1A SOT23
<b>Datasheets:</b>	<a href="#">PMBTA42,185.pdf</a>
<b>RoHs Status:</b>	Lead free / RoHS
<b>Stock Condition:</b>	Compliant New original, Stock Available.
<b>Ship From:</b>	Hong Kong
<b>Shipment Way:</b>	DHL/Fedex/TNT/UPS/EMS

### Specifications

Part Number	PMBTA42,185
Manufacturer	Nexperia
Description	TRANS NPN 300V 0.1A SOT23
Category	Discrete Semiconductor Products > Transistors - Bipolar
Part Status	Require For Quote & Check Stock
Voltage - Collector Emitter Breakdown (Max)	300V
Vce Saturation (Max) @ Ib, Ic	500mV @ 2mA, 20mA
Transistor Type	NPN
Supplier Device Package	TO-236AB (SOT23)
Series	Automotive, AEC-Q101
Power - Max	250mW
Packaging	Tape & Reel (TR)
Package / Case	TO-236-3, SC-59, SOT-23-3
Operating Temperature	150°C (TJ)
Mounting Type	Surface Mount
Frequency - Transition	50MHz
DC Current Gain (hFE) (Min) @ Ic, Vce	40 @ 30mA, 10V
Current - Collector Cutoff (Max)	100nA (ICBO)
Current - Collector (Ic) (Max)	100mA

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