







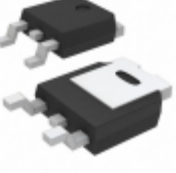


 	<p><b>Manufacturer Part Number:</b> STD37P3H6AG</p>
	<p><b>Manufacturer/Brand:</b> STMicroelectronics</p>
	<p><b>Part of Description:</b> MOSFET P-CH 30V 40A DPAK</p>
	<p><b>Datasheets:</b>  <a href="#">STD37P3H6AG.pdf</a></p>
	<p><b>RoHs Status:</b>  Lead free / RoHS Compliant</p>
	<p><b>Stock Condition:</b> New original, 2500 pcs Stock Available.</p>
	<p><b>Ship From:</b> Hong Kong</p>
	<p><b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS</p>
<p>Image may be representation. See specs for product details.</p>	

### Specifications

Part Number	STD37P3H6AG
Manufacturer	STMicroelectronics
Description	MOSFET P-CH 30V 40A DPAK
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	2500 pcs Stock
Series	Automotive, AEC-Q101, STripFET™ H6
Technology	MOSFET (Metal Oxide)
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
Supplier Device Package	DPAK
Power Dissipation (Max)	60W (Tc)
FET Type	P-Channel
FET Feature	-
Drain to Source Voltage (Vdss)	30V
Current - Continuous Drain (Id) @ 25°C	49A (Tc)
Rds On (Max) @ Id, Vgs	15 mOhm @ 25A, 10V
Vgs(th) (Max) @ Id	4V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	30.6nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	1630pF @ 25V
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs (Max)	±20V
Packaging	Original-Reel®







































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### You May Be Also Be interested In:

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 <b>STD36N10</b> ST STD36N10 ST	 <b>STD36NH02L</b> STMicroelectronics MOSFET N-CH 24V 30A DPAK	 <b>STD38NF03LT4</b> ST STD38NF03LT4 ST	 <b>STD36P4LLF6</b> STMicroelectronics MOSFET P-CH 40V 36A DPAK

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 STD35N3LH5	 STD35NF04LT4	 STD35NF06	 STD35NF06-T4	 STD35NF06L
 STD35NF06LT4	 STD35NF06T4	 STD35NF3LL	 STD35NF3LLT4	 STD35NF3T4
 STD35P6LLF6	 STD36N10	 STD36NH02L	 STD36NH02LT4	 STD36P4LLF6
 STD38NF03L	 STD38NF03LT4	 STD38NF03LT4-TR	 STD38NH02L	 STD38NH02L-1
 STD38NH02LT	 STD38NH02LT4	 STD38NH02LT4-E	 STD38LN62K3	 STD38LN62K3
 STD3N62K3	 STD3NB50T4	 STD3NC50-TR	 STD3NC50T4	 STD3NE60ZT4
 STD3NK100Z	 STD3NK100ZT4	 STD3NK50Z-1	 STD3NK50ZT4	 STD3NK60Z
 STD3NK60Z-1	 STD3NK60ZD	 STD3NK60ZT4	 STD3NK80Z	 STD3NK80Z-1

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