

TLE5206-2G Information



For Reference Only

Part Number TLE5206-2G

Manufacturer Infineon Technologies

Category Integrated Circuits (ICs)

PMIC - Motor Drivers, Controllers

Description IC MOTOR DRIVER PAR TO263-7

Package TO-263-8, D2Pak (7 Leads + Tab), TO-263CA

For the pricing/inventory/lead time, please contact

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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TLE5206-2G Specifications

Manufacturer Part Number TLE5206-2G Manufacturer Infineon Technologies Category Integrated Circuits (ICs) Package TO-263-8, D2Pak (7 Leads + Tab), TO-263CA Series SPT? Motor Type - Stepper - Motor Type - AC, DC Brushed DC Function Driver - Fully Integrated, Control and Power Stage Output Configuration Half Bridge (2) Interface Parallel Technology DMOS Step Resolution - Applications Automotive Current - Output 5A Voltage - Supply 5.3 V ~ 40 V Voltage - Load 5.3 V ~ 40 V Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case TO-263-8, D2Pak (7 Leads + Tab), TO-263CA Supplier Device Package PG-TO263-7	•	
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SeriesSPT?Motor Type - Stepper-Motor Type - AC, DCBrushed DCFunctionDriver - Fully Integrated, Control and Power StageOutput ConfigurationHalf Bridge (2)InterfaceParallelTechnologyDMOSStep Resolution-ApplicationsAutomotiveCurrent - Output5AVoltage - Supply5.3 V ~ 40 VVoltage - Load5.3 V ~ 40 VOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-263-8, D2Pak (7 Leads + Tab), TO-263CASupplier Device PackagePG-TO263-7		PMIC - Motor Drivers, Controllers
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Motor Type - AC, DC Function Driver - Fully Integrated, Control and Power Stage Output Configuration Half Bridge (2) Interface Parallel Technology DMOS Step Resolution - Applications Automotive Current - Output 5A Voltage - Supply 5.3 V ~ 40 V Voltage - Load 5.3 V ~ 40 V Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case TO-263-8, D2Pak (7 Leads + Tab), TO-263CA Supplier Device Package PG-TO263-7	Series	SPT?
Function Driver - Fully Integrated, Control and Power Stage Output Configuration Half Bridge (2) Interface Parallel Technology DMOS Step Resolution - Applications Automotive Current - Output 5A Voltage - Supply 5.3 V ~ 40 V Voltage - Load 5.3 V ~ 40 V Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case TO-263-8, D2Pak (7 Leads + Tab), TO-263CA Supplier Device Package PG-TO263-7	Motor Type - Stepper	-
Output Configuration Interface Parallel Technology DMOS Step Resolution - Applications Automotive Current - Output 5A Voltage - Supply 5.3 V ~ 40 V Voltage - Load Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case TO-263-8, D2Pak (7 Leads + Tab), TO-263CA Supplier Device Package PG-TO263-7	Motor Type - AC, DC	Brushed DC
Interface Parallel Technology DMOS Step Resolution - Applications Automotive Current - Output 5A Voltage - Supply 5.3 V ~ 40 V Voltage - Load 5.3 V ~ 40 V Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case TO-263-8, D2Pak (7 Leads + Tab), TO-263CA Supplier Device Package PG-TO263-7	Function	Driver - Fully Integrated, Control and Power Stage
Technology Step Resolution Applications Automotive Current - Output 5A Voltage - Supply 5.3 V ~ 40 V Voltage - Load Operating Temperature 40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case TO-263-8, D2Pak (7 Leads + Tab), TO-263CA Supplier Device Package	Output Configuration	Half Bridge (2)
Step Resolution - Automotive Current - Output 5A Voltage - Supply 5.3 V ~ 40 V Voltage - Load 5.3 V ~ 40 V Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case TO-263-8, D2Pak (7 Leads + Tab), TO-263CA Supplier Device Package PG-TO263-7	Interface	Parallel
Applications Current - Output 5A Voltage - Supply 5.3 V ~ 40 V Voltage - Load 5.3 V ~ 40 V Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case TO-263-8, D2Pak (7 Leads + Tab), TO-263CA Supplier Device Package PG-TO263-7	Technology	DMOS
Current - Output $5A$ Voltage - Supply $5.3 \text{ V} \sim 40 \text{ V}$ Voltage - Load $5.3 \text{ V} \sim 40 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C}$ (TJ) Mounting Type Surface Mount Package / Case $TO-263-8$, D2Pak (7 Leads + Tab), TO-263CA Supplier Device Package PG-TO263-7	Step Resolution	-
Voltage - Supply $5.3 \text{ V} \sim 40 \text{ V}$ Voltage - Load $5.3 \text{ V} \sim 40 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C}$ (TJ) Mounting Type Surface Mount Package / Case $TO-263-8$, D2Pak (7 Leads + Tab), TO-263CA Supplier Device Package PG-TO263-7	Applications	Automotive
Voltage - Load 5.3 V ~ 40 V Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case TO-263-8, D2Pak (7 Leads + Tab), TO-263CA Supplier Device Package PG-TO263-7	Current - Output	5A
Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case TO-263-8, D2Pak (7 Leads + Tab), TO-263CA Supplier Device Package PG-TO263-7	Voltage - Supply	5.3 V ~ 40 V
Mounting Type Surface Mount Package / Case TO-263-8, D2Pak (7 Leads + Tab), TO-263CA Supplier Device Package PG-TO263-7	Voltage - Load	5.3 V ~ 40 V
Package / Case TO-263-8, D2Pak (7 Leads + Tab), TO-263CA Supplier Device Package PG-TO263-7	Operating Temperature	-40°C ~ 150°C (TJ)
Supplier Device Package PG-TO263-7	Mounting Type	Surface Mount
**	Package / Case	TO-263-8, D2Pak (7 Leads + Tab), TO-263CA
Report errors?	Supplier Device Package	PG-TO263-7
		Report errors?

TLE5206-2G Guarantees



Quality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

TLE5206-2G Payment Methods



















TLE5206-2G Shipping Methods













If you have any question about TLE5206-2G, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com