

STK672-520

STK672-520 Information



For Reference Only

| Part Number | STK672-520 | |
|--------------|--|--|
| Manufacturer | ON Semiconductor | |
| Category | Integrated Circuits (ICs) PMIC - Motor Drivers, Controllers | |
| Description | IC MOTOR DRIVER PAR SIP12 | |
| Package | 12-SIP Formed Leads | |
| | For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com | |



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STK672-520 Specifications

| Manufacturer Part NumberSTK 672-520ManufacturerON SemiconductorCategoryIntegrated Circuits (ICS)PackagePMIC - Motor Drivers, ControllersPackage12-SIP Formed LeadsSeries-Motor Type - StepperUnipolarMotor Type - AC, DC-Output ConfigurationDriver - Fully Integrated, Control and Power StageNuter ConfigurationParallelStep Resolution-ApplicationsGeneral PurposeCurrent - Output1.1AYoltage - Supply1.0 Ya ~ 5.25 YYoltage - Load10 Ya ~ 42 YOperating Temperature0°C ~ 105°C (TC)Mounting TypeEncodePackage / Case1.25IP Formed Leads | | |
|---|---------------------|--|
| CategoryIntegrated Circuits (ICs)PackageI2-SIP Formed LeadsSeries-Motor Type - StepperUnipolarMotor Type - AC, DC-FunctionDriver - Fully Integrated, Control and Power StageOutput ConfigurationHalf Bridge (2)InterfaceParallelTechnologyPower MOSFETStep Resolution1, 1/2ApplicationsGeneral PurposeCurrent - Output1, 1AVoltage - Supply0V ~ 42 VVoltage - Load10 V ~ 42 VOperating Temperature0°C ~ 105°C (TC)Mounting TypeIz-SIP Formed LeadsParaley Case12-SIP Formed Leads | acturer Part Number | STK672-520 |
| PackagePMC - Motor Drivers, ControllersPackage12-SIP Formed LeadsSeries-Motor Type - StepperUnipolarMotor Type - AC, DC-FunctionDriver - Fully Integrated, Control and Power StageOutput ConfigurationHalf Bridge (2)InterfaceParallelStep Resolution1, 1/2ApplicationsGeneral PurposeCurrent - Output1.1AVoltage - Supply4.75 V ~ 5.25 VVoltage - Load10 V ~ 42 VOperating Temperature0°C ~ 105°C (TC)Mounting Type12-SIP Formed Leads | acturer (| ON Semiconductor |
| Package12-SIP Formed LeadsSeries-Motor Type - StepperUnipolarMotor Type - AC, DC-FunctionDriver - Fully Integrated, Control and Power StageOutput ConfigurationHalf Bridge (2)InterfaceParallelTechnologyOwer MOSFETStep Resolution1,1/2ApplicationsGeneral PurposeVoltage - Supply1,5 V ~ 5.25 VVoltage - Load0V ~ 42 VOperating Temperature0°C ~ 105°C (TC)Mounting Type15.SIP Formed LeadsPackage / Case12.SIP Formed Leads | ory I | Integrated Circuits (ICs) |
| SeriesIn Former functionSeries-Motor Type - StepperUnipolarMotor Type - AC, DC-FunctionDriver - Fully Integrated, Control and Power StageOutput ConfigurationHalf Bridge (2)InterfaceParallelTechnologyPower MOSFETStep Resolution1, 1/2ApplicationsGeneral PurposeCurrent - Output1.1AVoltage - Supply4.75 V ~ 5.25 VVoltage - Load0°C ~ 105°C (TC)Mounting TypeThrough HolePackage / Case12.SIP Formed Leads | I | PMIC - Motor Drivers, Controllers |
| Motor Type - StepperUnipolarMotor Type - AC, DC-FunctionDriver - Fully Integrated, Control and Power StageOutput ConfigurationHalf Bridge (2)InterfaceParallelTechnologyPower MOSFETStep Resolution1, 1/2ApplicationsGeneral PurposeCurrent - Output1.1AVoltage - Supply4.75 V ~ 5.25 VVoltage - Load10 V ~ 42 VOperating Temperature0°C ~ 105°C (TC)Mounting TypeThrough HolePackage / Case12-SIP Formed Leads | ge 1 | 12-SIP Formed Leads |
| Motor Type - AC, DC-FunctionDriver - Fully Integrated, Control and Power StageOutput ConfigurationHalf Bridge (2)InterfaceParallelTechnologyPower MOSFETStep Resolution1, 1/2ApplicationsGeneral PurposeCurrent - Output1.1AVoltage - Supply4.75 V ~ 5.25 VVoltage - Load10 V ~ 42 VOperating Temperature0°C ~ 105°C (TC)Mounting TypeThrough HolePackage / Case12-SIP Formed Leads | - | - |
| FunctionDriver - Fully Integrated, Control and Power StageOutput ConfigurationHalf Bridge (2)InterfaceParallelTechnologyPower MOSFETStep Resolution1, 1/2ApplicationsGeneral PurposeCurrent - Output1.1AVoltage - Supply4.75 V ~ 5.25 VVoltage - Load0°C ~ 105°C (TC)Mounting TypeThrough HolePackage / Case12-SIP Formed Leads | Type - Stepper | Unipolar |
| Output ConfigurationHalf Bridge (2)InterfaceParallelTechnologyPower MOSFETStep Resolution1, 1/2ApplicationsGeneral PurposeCurrent - Output1.1AVoltage - Supply4.75 V ~ 5.25 VVoltage - Load10 V ~ 42 VOperating Temperature0°C ~ 105°C (TC)Mounting TypeThrough HolePackage / Case12-SIP Formed Leads | Type - AC, DC | - |
| InterfaceParallelTechnologyPower MOSFETStep Resolution1, 1/2ApplicationsGeneral PurposeCurrent - Output1.1AVoltage - Supply4.75 V ~ 5.25 VVoltage - Load10 V ~ 42 VOperating Temperature0°C ~ 105°C (TC)Mounting TypeThrough HolePackage / Case12-SIP Formed Leads | on I | Driver - Fully Integrated, Control and Power Stage |
| TechnologyPower MOSFETStep Resolution1, 1/2ApplicationsGeneral PurposeCurrent - Output1.1AVoltage - Supply4.75 V ~ 5.25 VVoltage - Load10 V ~ 42 VOperating Temperature0°C ~ 105°C (TC)Mounting TypeThrough HolePackage / Case12-SIP Formed Leads | t Configuration I | Half Bridge (2) |
| Step Resolution1, 1/2ApplicationsGeneral PurposeCurrent - Output1.1AVoltage - Supply4.75 V ~ 5.25 VVoltage - Load10 V ~ 42 VOperating Temperature0°C ~ 105°C (TC)Mounting TypeThrough HolePackage / Case12-SIP Formed Leads | ice I | Parallel |
| ApplicationsGeneral PurposeCurrent - Output1.1AVoltage - Supply4.75 V ~ 5.25 VVoltage - Load10 V ~ 42 VOperating Temperature0°C ~ 105°C (TC)Mounting TypeThrough HolePackage / Case12-SIP Formed Leads | ology I | Power MOSFET |
| Current - Output1.1AVoltage - Supply4.75 V ~ 5.25 VVoltage - Load10 V ~ 42 VOperating Temperature0°C ~ 105°C (TC)Mounting TypeThrough HolePackage / Case12-SIP Formed Leads | esolution | 1, 1/2 |
| Voltage - Supply4.75 V ~ 5.25 VVoltage - Load10 V ~ 42 VOperating Temperature0°C ~ 105°C (TC)Mounting TypeThrough HolePackage / Case12-SIP Formed Leads | ations (| General Purpose |
| Voltage - Load10 V ~ 42 VOperating Temperature0°C ~ 105°C (TC)Mounting TypeThrough HolePackage / Case12-SIP Formed Leads | it - Output | 1.1A |
| Operating Temperature0°C ~ 105°C (TC)Mounting TypeThrough HolePackage / Case12-SIP Formed Leads | ge - Supply | 4.75 V ~ 5.25 V |
| Mounting TypeThrough HolePackage / Case12-SIP Formed Leads | ge - Load | 10 V ~ 42 V |
| Package / Case 12-SIP Formed Leads | ting Temperature (| 0° C ~ 105° C (TC) |
| | ing Type | Through Hole |
| | ge / Case | 12-SIP Formed Leads |
| Supplier Device Package 12-SIP | er Device Package | 12-SIP |
| Report | | Report errors? |

STK672-520 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 GUARANTEE

Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

If you have any question about STK672-520, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com