

CPH6350-TL-W

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CPH6350-TL-W Information

| PRI Were bit all the | Part Number | CPH6350-TL-W | |
|-------------------------|--------------|---|--|
| | Manufacturer | ON Semiconductor | |
| | Category | Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single | |
| | Description | MOSFET P-CH 30V 6A CPH6 | |
| | Package | SOT-23-6 Thin, TSOT-23-6 | |
| | | For the pricing/inventory/lead time, please contact | |
| For Reference Only | | Website: https://www.heisener.com E-mail: salesdept@heisener.com | |

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CPH6350-TL-W Specifications

| Manufacturer Part Number CPH6350-TL-W Manufacturer ON Semiconductor Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Transistors - FETs, MOSFETs - Single Package SOT-23-6 Thin, TSOT-23-6 Scries - FET Type P-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 30V Curret - Continuous Drain (Id) @ 25°C 6A (Ta) Drive Voltage (Max Rds On, Min Rds On) 4V, 10V Vgs(th) (Max) @ Id - Gate Charge (Qg) (Max) @ Vgs 13nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 600pF @ 10V Vgs (Max) - PET Feature - Power Dissipation (Max) 1.6W (Ta) Rds On (Max) @ Id, Vgs 43 mOhm @ 3A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package 6-CPH Package / Case SOT-23-6 Thin, TSOT-23-6 | | |
|---|--|--------------------------------------|
| CategoryDiscrete Semiconductor ProductsTransistors - FETS, MOSFETS - SinglePackageSOT-23-6 Thin, TSOT-23-6Series-FET TypePchannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)30VCurrent - Continuous Drain (Id) @ 25°C6A (Ta)Drive Voltage (Max Rds On, Min Rds On)4V, 10VVgs(th) (Max) @ Id-Gate Charge (Qg) (Max) @ Vgs13nC @ 10VInput Capacitance (Ciss) (Max) @ Vds600pF @ 10VVgs (Max)±20VFET Feature-Power Dissipation (Max)1.6W (Ta)Rds On (Max) @ Id, Vgs43 mohm @ 3A, 10VOperating Temperature150°C (TJ)Mounting TypeSurface MountSupplier Device Package6CPHPackage / CaseSUT-23-6 Thin, TSOT-23-6 | Manufacturer Part Number | CPH6350-TL-W |
| Transistors - FETs, MOSFETs - SinglePackageSOT-23-6 Thin, TSOT-23-6Series-FET TypeP-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)30VCurrent - Continuous Drain (Id) @ 25°C6A (Ta)Drive Voltage (Max Rds On, Min Rds On)4V, 10VVgs(th) (Max) @ Id-Gate Charge (Qg) (Max) @ Vgs13nC @ 10VInput Capacitance (Ciss) (Max) @ Vds600pF @ 10VVgs (Max)±20VFET Feature-Power Dissipation (Max)1.6W (Ta)Rds On (Max) @ Id, Vgs43 mOhnm @ 3A, 10VOperating Temperature150°C (TJ)Mounting TypeSurface MountSupplier Device Package6-CPHPackage / CaseSOT-23-6 Thin, TSOT-23-6 | Manufacturer | ON Semiconductor |
| PackageSOT-23-6 Thin, TSOT-23-6Series-FET TypeP-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)30VCurrent - Continuous Drain (Id) @ 25°C6A (Ta)Drive Voltage (Max Rds On, Min Rds On)4V, 10VVgs(th) (Max) @ Id-Gate Charge (Qg) (Max) @ Vgs13nC @ 10VInput Capacitance (Ciss) (Max) @ Vds600pF @ 10VVgs (Max)±20VFET Feature-Power Dissipation (Max)1.6W (Ta)Rds On (Max) @ Id, Vgs1.50°C (TJ)Mounting TypeSurface MountSupplier Device Package6-CPHPackage / CaseSOT-23-6 Thin, TSOT-23-6 | Category | Discrete Semiconductor Products |
| Series-FET TypeP-ChanelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)30VCurrent - Continuous Drain (Id) @ 25°C6A (Ta)Drive Voltage (Max Rds On, Min Rds On)4V, 10VVgs(th) (Max) @ Id-Gate Charge (Qg) (Max) @ Vgs13nC @ 10VInput Capacitance (Ciss) (Max) @ Vds600pF @ 10VVgs (Max)±20VFET Feature-Power Dissipation (Max)1.6W (Ta)Als On (Max) @ Id, Vgs1.6W (Ta)Oprating Temperature1.50°C (TJ)Mounting TypeSurface MountSupplier Device Package6CPHPackage / CaseSUT-23-6 Thin, TSOT-23-6 | | Transistors - FETs, MOSFETs - Single |
| FET TypeP-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)30VCurrent - Continuous Drain (Id) @ 25°C6A (Ta)Drive Voltage (Max Rds On, Min Rds On)4V, 10VVgs(th (Max) @ Id-Sqs(th (Max) @ Id.Much Capacitance (Ciss) (Max) @ Vds600F @ 10VVgs (Max).Per Feature.Power Dissipation (Max)16W (Ta)Rds On (Max) @ Id, Vgs.Munting Type.Mounting Type.Supplier Device Package.Package / Case.State / Case. | Package | SOT-23-6 Thin, TSOT-23-6 |
| TechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)30VCurrent - Continuous Drain (Id) @ 25°C6A (Ta)Drive Voltage (Max Rds On, Min Rds On)4V, 10VVgs(th) (Max) @ Id-Gate Charge (Qg) (Max) @ Vgs13nC @ 10VInput Capacitance (Ciss) (Max) @ Vds600pF @ 10VVgs (Max)±20VFET Feature-Power Dissipation (Max)1.6W (Ta)Rds On (Max) @ Id, Vgs43 mOhm @ 3A, 10VOperating Temperature150°C (TJ)Mounting TypeSurface MountSupplier Device Package6CPHPackage / CaseSOT-23-6 Thin, TSOT-23-6 | Series | - |
| Drain to Source Voltage (Vdss)30VDrain to Source Voltage (Vdss)30VCurrent - Continuous Drain (Id) @ 25°C6A (Ta)Drive Voltage (Max Rds On, Min Rds On)4V, 10VVgs(th) (Max) @ Id-Gate Charge (Qg) (Max) @ Vgs13nC @ 10VInput Capacitance (Ciss) (Max) @ Vds600pF @ 10VVgs (Max)±20VFET Feature-Power Dissipation (Max)1.6W (Ta)Rds On (Max) @ Id, Vgs1.6W (Ta)Operating Temperature150°C (TJ)Mounting TypeSurface MountSupplier Device Package6-CPHPackage / CaseSOT-23-6 Thin, TSOT-23-6 | FET Type | P-Channel |
| Current - Continuous Drain (Id) @ 25°C6A (Ta)Drive Voltage (Max Rds On, Min Rds On)4V, 10VVgs(th) (Max) @ Id-Gate Charge (Qg) (Max) @ Vgs13nC @ 10VInput Capacitance (Ciss) (Max) @ Vds600pF @ 10VVgs (Max)±20VFET Feature-Fex Feature1.6W (Ta)Rds On (Max) @ Id, Vgs1.6W (Ta)Operating Temperature50°C (TJ)Mounting TypeSurface MountSupplier Device Package6-CPHPackage / CaseSOT-23-6 Thin, TSOT-23-6 | Technology | MOSFET (Metal Oxide) |
| Drive Voltage (Max Rds On, Min Rds On)4V, 10VVgs(th) (Max) @ Id-Gate Charge (Qg) (Max) @ Vgs13nC @ 10VInput Capacitance (Ciss) (Max) @ Vds600pF @ 10VVgs (Max)±20VFET Feature-Power Dissipation (Max)1.6W (Ta)Rds On (Max) @ Id, Vgs1.6W (Ta)Operating Temperature150°C (TJ)Mounting TypeSurface MountSupplier Device Package6-CPHPackage / CaseS0T-23-6 Thin, TSOT-23-6 | Drain to Source Voltage (Vdss) | 30V |
| Vgs(th) (Max) @ Id.Gate Charge (Qg) (Max) @ Vgs13nC @ 10VInput Capacitance (Ciss) (Max) @ Vds600pF @ 10VVgs (Max)±20VFET Feature.Power Dissipation (Max)1.6W (Ta)Rds On (Max) @ Id, Vgs43 mOhm @ 3A, 10VOperating Temperature150°C (TJ)Mounting TypeSurface MountSupplier Device Package6-CPHPackage / CaseSOT-23-6 Thin, TSOT-23-6 | Current - Continuous Drain (Id) @ 25°C | 6A (Ta) |
| Gate Charge (Qg) (Max) @ Vgs13nC @ 10VInput Capacitance (Ciss) (Max) @ Vds600pF @ 10VVgs (Max)±20VFET Feature-Power Dissipation (Max)1.6W (Ta)Rds On (Max) @ Id, Vgs43 mOhm @ 3A, 10VOperating Temperature150°C (TJ)Mounting TypeSurface MountSupplier Device Package6-CPHPackage / CaseSOT-23-6 Thin, TSOT-23-6 | Drive Voltage (Max Rds On, Min Rds On) | 4V, 10V |
| Input Capacitance (Ciss) (Max) @ Vds600pF @ 10VVgs (Max)±20VFET Feature-Power Dissipation (Max)1.6W (Ta)Rds On (Max) @ Id, Vgs43 mOhm @ 3A, 10VOperating Temperature150°C (TJ)Mounting TypeSurface MountSupplier Device Package6-CPHPackage / CaseSOT-23-6 Thin, TSOT-23-6 | Vgs(th) (Max) @ Id | - |
| Vgs (Max)±20VFET Feature-Power Dissipation (Max)1.6W (Ta)Rds On (Max) @ Id, Vgs43 mOhm @ 3A, 10VOperating Temperature150°C (TJ)Mounting TypeSurface MountSupplier Device Package6-CPHPackage / CaseSOT-23-6 Thin, TSOT-23-6 | Gate Charge (Qg) (Max) @ Vgs | 13nC @ 10V |
| FET Feature-Power Dissipation (Max)1.6W (Ta)Rds On (Max) @ Id, Vgs43 mOhm @ 3A, 10VOperating Temperature150°C (TJ)Mounting TypeSurface MountSupplier Device Package6-CPHPackage / CaseSOT-23-6 Thin, TSOT-23-6 | Input Capacitance (Ciss) (Max) @ Vds | 600pF @ 10V |
| Power Dissipation (Max)1.6W (Ta)Rds On (Max) @ Id, Vgs43 mOhm @ 3A, 10VOperating Temperature150°C (TJ)Mounting TypeSurface MountSupplier Device Package6-CPHPackage / CaseSOT-23-6 Thin, TSOT-23-6 | Vgs (Max) | $\pm 20 V$ |
| Rds On (Max) @ Id, Vgs43 mOhm @ 3A, 10VOperating Temperature150°C (TJ)Mounting TypeSurface MountSupplier Device Package6-CPHPackage / CaseSOT-23-6 Thin, TSOT-23-6 | FET Feature | - |
| Operating Temperature150°C (TJ)Mounting TypeSurface MountSupplier Device Package6-CPHPackage / CaseSOT-23-6 Thin, TSOT-23-6 | Power Dissipation (Max) | 1.6W (Ta) |
| Mounting TypeSurface MountSupplier Device Package6-CPHPackage / CaseSOT-23-6 Thin, TSOT-23-6 | Rds On (Max) @ Id, Vgs | 43 mOhm @ 3A, 10V |
| Supplier Device Package6-CPHPackage / CaseSOT-23-6 Thin, TSOT-23-6 | Operating Temperature | 150°C (TJ) |
| Package / Case SOT-23-6 Thin, TSOT-23-6 | Mounting Type | Surface Mount |
| | Supplier Device Package | 6-CPH |
| Report errors? | Package / Case | SOT-23-6 Thin, TSOT-23-6 |
| | | Report errors? |

CPH6350-TL-W 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 BUARANTEE

Service Guarantees

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

CPH6350-TL-W Payment Methods



CPH6350-TL-W Shipping Methods



If you have any question about CPH6350-TL-W, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com