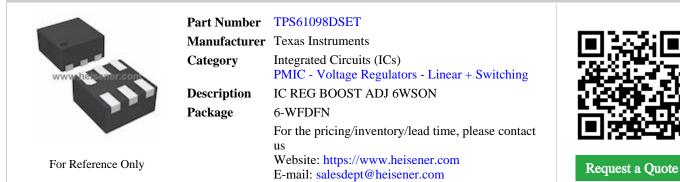


# **TPS61098DSET**

## **TPS61098DSET Information**



# **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



# **TPS61098DSET Specifications**

| ManufacturerTexas InstrumentsManufacturerIntegrated Circuits (ICs)PMIC - Voltage Regulators - Linear + SwitchingPMIC - Voltage Regulators - Linear + SwitchingPackage6-WFDFNSeries-TopologyStep-Up (Boost) Synchronous (1), Linear (LDO) (1)FunctionAny FunctionNumber of Outputs2Frequency - Switching-Voltage/Current - Output 14.3V, 350mAVoltage/Current - Output 22.2V, 200mAVoltage/Current - Output 3-w/LED DriverNow/SequencerNoVoltage - Supply0.7 V ~ 4.5 VOperating Temperature4.0°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-WFDFN   | -                          |   |
|--|----------------------------|---|
| Category     Integrated Circuits (ICs)       PMIC - Voltage Regulators - Linear + Switching       Package     6-WFDFN       Series     -       Topology     Step-Up (Boost) Synchronous (1), Linear (LDO) (1)       Function     Any Function       Number of Outputs     2       Frequency - Switching     -       Voltage/Current - Output 1     4.3V, 350mA       Voltage/Current - Output 2     2.2V, 200mA       Voltage/Current - Output 3     -       w/LED Driver     No       w/LED Driver     No       voltage - Supply     0.7 V ~ 4.5 V       Operating Temperature     -40°C ~ 85°C (TA)       Mounting Type     Surface Mount       Package / Case     6-WFDFN | Manufacturer Part Number   | TPS61098DSET                                      |
| PMIC - Voltage Regulators - Linear + SwitchingPackage6-WFDFNSeries-TopologyStep-Up (Boost) Synchronous (1), Linear (LDO) (1)FunctionAny FunctionNumber of Outputs2Frequency - Switching-Voltage/Current - Output 14.3V, 350mAVoltage/Current - Output 22.2V, 200mAVoltage/Current - Output 3-w/LED DriverNow/SequencerNoVoltage - Supply0.7 V ~ 4.5 VOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-WFDFNSupplier Device Package6-WSON (1.5x1.5)  | Manufacturer               | Texas Instruments                                 |
| Package6-WFDFNSeries-TopologyStep-Up (Boost) Synchronous (1), Linear (LDO) (1)FunctionAny FunctionNumber of Outputs2Frequency - Switching-Voltage/Current - Output 14.3V, 350mAVoltage/Current - Output 22.2V, 200mAVoltage/Current - Output 3-w/LED DriverNow/SequencerNoVoltage - Supply0.7 V ~ 4.5 VOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-WFDFNSupplier Device Package6-WSON (1.5x1.5)  | Category                   | Integrated Circuits (ICs)                         |
| Series     -       Series     Step-Up (Boost) Synchronous (1), Linear (LDO) (1)       Function     Any Function       Number of Outputs     2       Frequency - Switching     -       Voltage/Current - Output 1     4.3V, 350mA       Voltage/Current - Output 2     2.2V, 200mA       Voltage/Current - Output 3     -       w/LED Driver     No       w/Sequencer     No       Voltage - Supply     0.7 V ~ 4.5 V       Operating Temperature     Surface Mount       Package / Case     6-WFDFN       Surface Mount     Surface Mount       Supplier Device Package     6-WSON (1.5x1.5)   |                            | PMIC - Voltage Regulators - Linear + Switching    |
| TopologyStep-Up (Boost) Synchronous (1), Linear (LDO) (1)FunctionAny FunctionNumber of Outputs2Frequency - Switching-Voltage/Current - Output 14.3V, 350mAVoltage/Current - Output 22.2V, 200mAVoltage/Current - Output 3-w/LED DriverNow/SupervisorNoVoltage - Supply0.7 V ~ 4.5 VOperating TemperatureSurface MountPackage / Case6-WFDFNSupplier Device Package6-WSON (1.5x1.5)  | Package                    | 6-WFDFN   |
| FunctionAny FunctionNumber of Outputs2Frequency - Switching-Voltage/Current - Output 14.3V, 350mAVoltage/Current - Output 22.2V, 200mAVoltage/Current - Output 3-w/LED DriverNow/SupervisorNovoltage - Supply0.7 V ~ 4.5 VOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-WFDFNSupplier Device Package6-WSON (1.5x1.5)   | Series                     | -   |
| Number of Outputs2Frequency - Switching-Voltage/Current - Output 14.3V, 350mAVoltage/Current - Output 22.2V, 200mAVoltage/Current - Output 3-w/LED DriverNow/SupervisorNovoltage - Supply0.7 V ~ 4.5 VOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-WFDFNSupplier Device Package6-WSON (1.5x1.5)   | Topology                   | Step-Up (Boost) Synchronous (1), Linear (LDO) (1) |
| Frequency - Switching-Voltage/Current - Output 14.3V, 350mAVoltage/Current - Output 22.2V, 200mAVoltage/Current - Output 3-w/LED DriverNow/SupervisorNow/SequencerNoVoltage - Supply0.7 V ~ 4.5 VOperating Temperature40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-WFDFNSupplier Device Package6-WSON (1.5x1.5)   | Function                   | Any Function                                      |
| Voltage/Current - Output 14.3V, 350mAVoltage/Current - Output 22.2V, 200mAVoltage/Current - Output 3-w/LED DriverNow/SupervisorNow/SequencerNoVoltage - Supply0.7 V ~ 4.5 VOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-WFDFNSupplier Device Package6-WSON (1.5x1.5)  | Number of Outputs          | 2   |
| Voltage/Current - Output 22.2V, 200mAVoltage/Current - Output 3-w/LED DriverNow/SupervisorNow/SequencerNoVoltage - Supply0.7 V ~ 4.5 VOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-WFDFNSupplier Device Package6-WSON (1.5x1.5)   | Frequency - Switching      | -   |
| Voltage/Current - Output 3-w/LED DriverNow/SupervisorNow/SequencerNoVoltage - Supply0.7 V ~ 4.5 VOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-WFDFNSupplier Device Package6-WSON (1.5x1.5)  | Voltage/Current - Output 1 | 4.3V, 350mA                                       |
| w/LED DriverNow/SupervisorNow/SequencerNoVoltage - Supply0.7 V ~ 4.5 VOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-WFDFNSupplier Device Package6-WSON (1.5x1.5)   | Voltage/Current - Output 2 | 2.2V, 200mA                                       |
| w/SupervisorNow/SequencerNoVoltage - Supply0.7 V ~ 4.5 VOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-WFDFNSupplier Device Package6-WSON (1.5x1.5)   | Voltage/Current - Output 3 | -   |
| w/SequencerNoVoltage - Supply0.7 V ~ 4.5 VOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-WFDFNSupplier Device Package6-WSON (1.5x1.5)   | w/LED Driver               | No  |
| Voltage - Supply0.7 V ~ 4.5 VOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-WFDFNSupplier Device Package6-WSON (1.5x1.5)  | w/Supervisor               | No  |
| Operating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-WFDFNSupplier Device Package6-WSON (1.5x1.5)   | w/Sequencer                | No  |
| Mounting TypeSurface MountPackage / Case6-WFDFNSupplier Device Package6-WSON (1.5x1.5)   | Voltage - Supply           | 0.7 V ~ 4.5 V                                     |
| Package / Case 6-WFDFN   Supplier Device Package 6-WSON (1.5x1.5)  | Operating Temperature      | -40°C ~ 85°C (TA)                                 |
| Supplier Device Package6-WSON (1.5x1.5)  | Mounting Type              | Surface Mount                                     |
|  | Package / Case             | 6-WFDFN   |
| Report errors?   | Supplier Device Package    | 6-WSON (1.5x1.5)                                  |
|  |                            | Report errors?                                    |

#### **TPS61098DSET 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 EUARANTEE

#### **Service Guarantees**

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

## **TPS61098DSET Payment Methods**



