

# STX826

### **STX826 Information**



For Reference Only

| Part Number  | STX826   |  |
|--------------|--|--|
| Manufacturer | STMicroelectronics   |  |
| Category     | Discrete Semiconductor Products<br>Transistors - Bipolar (BJT) - Single  |  |
| Description  | TRANS PNP 30V 3A TO92  |  |
| Package      | TO-226-3, TO-92-3 (TO-226AA)   |  |
|              | For the pricing/inventory/lead time, please contact<br>us<br>Website: https://www.heisener.com<br>E-mail: salesdept@heisener.com |  |



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### **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.



## **STX826 Specifications**

| Manufacturer Part NumberSTX826ManufacturerSTMicroelectronicsCategoryDiscrete Semiconductor Products<br>Transitors - Bipolar (BJT) - SinglePackageTO-226-3, TO-92-3 (TO-226AA)Series-Transistor TypePNPCurrent - Collector (L) (Max)3AVoltage - Collector Emitter Breakdown (Max)30VVec Saturation (Max) @ Ib, Ic1.1V @ 150mA, 3ACurrent - Collector Cutoff (Max)00µADC Current Gain (hFE) (Min) @ Ic, Vce000mWPower - Max900mWFrequency - Transition100HIzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-226.3, TO-92.3, TO-92.6, A)Supplier Device PackageTO-92.3 |   |                                      |
|--|---|--------------------------------------|
| CategoryDiscrete Semiconductor ProductsTransistors - Bipolar (BJT) - SinglePackageTo-226-3, TO-92-3 (TO-226AA)Series-Transistor TypePNPCurrent - Collector (Ic) (Max)3AVoltage - Collector Emitter Breakdown (Max)30VVce Saturation (Max) @ Ib, Ic1.1V @ 150mA, 3ACurrent - Collector Cutoff (Max)10µADC Current Gain (hFE) (Min) @ Ic, Vce100 @ 100mA, 2VPower - Max900mWFrequency - Transition100MHzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTo-226.3, TO-92.6, TO-92.6AA)Supplier Device PackageTo-92.6Supplier Device PackageTo-92.6                        | Manufacturer Part Number                    | STX826                               |
| Transistors - Bipolar (BJT) - SinglePackageTO-226-3, TO-92-3 (TO-226AA)Series-Transistor TypePNPCurrent - Collector (Lc) (Max)3AVoltage - Collector Emitter Breakdown (Max)30VVce Saturation (Max) @ Ib, Ic1.1V @ 150mA, 3ACurrent - Collector Cutoff (Max)10µADC Current Gain (hFE) (Min) @ Ic, Vce100 @ 100mA, 2VPower - Max900mWFrequency - Transition100MHzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)Supplier Device PackageTO-92-3  | Manufacturer                                | STMicroelectronics                   |
| PackageTO-226-3, TO-92-3 (TO-226AA)Series-Transistor TypePNPCurrent - Collector (Lo (Max)3AVoltage - Collector Emitter Breakdown (Max)30VVce Saturation (Max) @ Ib, Ic1.1V @ 150mA, 3ACurrent - Collector Cutoff (Max)10µADC Current Gain (hFE) (Min) @ Ic, Vce100 @ 100mA, 2VPower - Max900mWFrequency - Transition100MHzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)Supplier Device PackageTO-92-3   | Category                                    | Discrete Semiconductor Products      |
| Series-Transistor TypePNPCurrent - Collector (Lo (Max)3AVoltage - Collector Emitter Breakdown (Max)30VVce Saturation (Max) @ lb, Ic1.1V @ 150mA, 3ACurrent - Collector Cutoff (Max)10µADC Current Gain (hFE) (Min) @ Ic, Vce100 @ 100mA, 2VPower - Max900mWFrequency - Transition100MHzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-226.3, TO-226.AA)Supplier Device PackageTO-92-3  |   | Transistors - Bipolar (BJT) - Single |
| Transistor TypePNPCurrent - Collector (Ic) (Max)3AVoltage - Collector Emitter Breakdown (Max)30VVce Saturation (Max) @ Ib, Ic1.1V @ 150mA, 3ACurrent - Collector Cutoff (Max)10µADC Current Gain (hFE) (Min) @ Ic, Vce100 @ 100mA, 2VPower - Max900mWFrequency - Transition100MHzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)Supplier Device PackageTO-92-3  | Package                                     | TO-226-3, TO-92-3 (TO-226AA)         |
| Current - Collector (Ic) (Max)3AVoltage - Collector Emitter Breakdown (Max)30VVcc Saturation (Max) @ Ib, Ic1.1V @ 150mA, 3ACurrent - Collector Cutoff (Max)10µADC Current Gain (hFE) (Min) @ Ic, Vce100 @ 100mA, 2VPower - Max900mWFrequency - Transition100MHzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)Supplier Device PackageTO-92-3  | Series                                      | -                                    |
| Voltage - Collector Emitter Breakdown (Max)30VVce Saturation (Max) @ lb, Ic1.1V @ 150mA, 3ACurrent - Collector Cutoff (Max)10µADC Current Gain (hFE) (Min) @ Ic, Vce100 @ 100mA, 2VPower - Max900mWFrequency - Transition100MHzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)Supplier Device PackageTO-92-3  | Transistor Type                             | PNP                                  |
| Vce Saturation (Max) @ lb, Ic1.1V @ 150mA, 3ACurrent - Collector Cutoff (Max)10µADC Current Gain (hFE) (Min) @ Ic, Vce100 @ 100mA, 2VPower - Max900mWFrequency - Transition100MHzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)Supplier Device PackageTO-92-3  | Current - Collector (Ic) (Max)              | 3A                                   |
| Current - Collector Cutoff (Max)10μADC Current Gain (hFE) (Min) @ Ic, Vce100 @ 100mA, 2VPower - Max900mWFrequency - Transition100MHzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)Supplier Device PackageTO-92-3   | Voltage - Collector Emitter Breakdown (Max) | 30V                                  |
| DC Current Gain (hFE) (Min) @ Ic, Vce100 @ 100mA, 2VPower - Max900mWFrequency - Transition100MHzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)Supplier Device PackageTO-92-3   | Vce Saturation (Max) @ Ib, Ic               | 1.1V @ 150mA, 3A                     |
| Power - Max900mWFrequency - Transition100MHzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)Supplier Device PackageTO-92-3   | Current - Collector Cutoff (Max)            | 10μΑ                                 |
| Frequency - Transition100MHzOperating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)Supplier Device PackageTO-92-3   | DC Current Gain (hFE) (Min) @ Ic, Vce       | 100 @ 100mA, 2V                      |
| Operating Temperature150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)Supplier Device PackageTO-92-3   | Power - Max                                 | 900mW                                |
| Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)Supplier Device PackageTO-92-3  | Frequency - Transition                      | 100MHz                               |
| Package / CaseTO-226-3, TO-92-3 (TO-226AA)Supplier Device PackageTO-92-3   | Operating Temperature                       | 150°C (TJ)                           |
| Supplier Device Package TO-92-3  | Mounting Type                               | Through Hole                         |
|  | Package / Case                              | TO-226-3, TO-92-3 (TO-226AA)         |
| Report errors?   | Supplier Device Package                     | ТО-92-3                              |
| Report errors.   |   | Report errors?                       |

#### STX826 Guarantees



If you have any question about STX826, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com