

#### **TC426MJA Information**



For Reference Only

Part Number TC426MJA

Manufacturer Microchip Technology

Category Integrated Circuits (ICs)
PMIC - Gate Drivers

**Description** IC MOSFET DVR 1.5A DUAL HS 8CDIP

**Package** 8-CDIP (0.300", 7.62mm)

For the pricing/inventory/lead time, please contact

us

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## **TC426MJA Specifications**

Manufacturer Part Number         TC426MJA           Manufacturer         Microchip Technology           Category         Integrated Circuits (ICs)           PMIC - Gate Drivers           Package         8-CDIP (0.300", 7.62mm)           Series         -           Driven Configuration         Low-Side           Channel Type         Independent           Number of Drivers         2           Gate Type         N-Channel, P-Channel MOSFET           Voltage - Supply         4.5 V ~ 18 V           Logic Voltage - VIL, VIH         0.8V, 2.4V           Current - Peak Output (Source, Sink)         1.5A, 1.5A           Input Type         Inverting           High Side Voltage - Max (Bootstrap)         -           Rise / Fall Time (Typ)         30ns, 30ns           Operating Temperature         -55°C ~ 125°C (TA)           Mounting Type         Through Hole           Package / Case         8-CDIP (0.300", 7.62mm)           Supplier Device Package         8-CDIP		
CategoryIntegrated Circuits (ICs)PMIC - Gate DriversPackage8-CDIP (0.300", 7.62mm)Series-Driven ConfigurationLow-SideChannel TypeIndependentNumber of Drivers2Gate TypeN-Channel, P-Channel MOSFETVoltage - Supply4.5 V ~ 18 VLogic Voltage - VIL, VIH0.8V, 2.4VCurrent - Peak Output (Source, Sink)1.5A, 1.5AInput TypeInvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)30ns, 30nsOperating Temperature-55°C ~ 125°C (TA)Mounting TypeThrough HolePackage / Case8-CDIP (0.300", 7.62mm)Supplier Device Package8-CDIP	Manufacturer Part Number	TC426MJA
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Driven Configuration  Channel Type  Independent  Number of Drivers  2  Gate Type  N-Channel, P-Channel MOSFET  Voltage - Supply  Logic Voltage - VIL, VIH  Current - Peak Output (Source, Sink)  Input Type  Inverting  High Side Voltage - Max (Bootstrap)  Rise / Fall Time (Typ)  Operating Temperature  -55°C ~ 125°C (TA)  Mounting Type  Through Hole  Package / Case  8-CDIP (0.300", 7.62mm)  Supplier Device Package	Package	8-CDIP (0.300", 7.62mm)
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Number of Drivers  Gate Type  N-Channel, P-Channel MOSFET  Voltage - Supply  4.5 V ~ 18 V  Logic Voltage - VIL, VIH  0.8V, 2.4V  Current - Peak Output (Source, Sink)  Input Type  Inverting  High Side Voltage - Max (Bootstrap)  Rise / Fall Time (Typ)  Operating Temperature  -55°C ~ 125°C (TA)  Mounting Type  Through Hole  Package / Case  8-CDIP (0.300", 7.62mm)  Supplier Device Package	Driven Configuration	Low-Side
Gate TypeN-Channel, P-Channel MOSFETVoltage - Supply4.5 V ~ 18 VLogic Voltage - VIL, VIH0.8V, 2.4VCurrent - Peak Output (Source, Sink)1.5A, 1.5AInput TypeInvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)30ns, 30nsOperating Temperature-55°C ~ 125°C (TA)Mounting TypeThrough HolePackage / Case8-CDIP (0.300", 7.62mm)Supplier Device Package8-CDIP	Channel Type	Independent
Voltage - Supply  Logic Voltage - VIL, VIH  0.8V, 2.4V  Current - Peak Output (Source, Sink)  Input Type  Inverting  High Side Voltage - Max (Bootstrap)  Rise / Fall Time (Typ)  Operating Temperature  -55°C ~ 125°C (TA)  Mounting Type  Through Hole  Package / Case  8-CDIP (0.300", 7.62mm)  Supplier Device Package	Number of Drivers	2
Logic Voltage - VIL, VIH0.8V, 2.4VCurrent - Peak Output (Source, Sink)1.5A, 1.5AInput TypeInvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)30ns, 30nsOperating Temperature-55°C ~ 125°C (TA)Mounting TypeThrough HolePackage / Case8-CDIP (0.300", 7.62mm)Supplier Device Package8-CDIP	Gate Type	N-Channel, P-Channel MOSFET
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Operating Temperature  -55°C ~ 125°C (TA)  Mounting Type  Through Hole  Package / Case  8-CDIP (0.300", 7.62mm)  Supplier Device Package  8-CDIP	High Side Voltage - Max (Bootstrap)	-
Mounting Type Through Hole Package / Case 8-CDIP (0.300", 7.62mm) Supplier Device Package 8-CDIP	Rise / Fall Time (Typ)	30ns, 30ns
Package / Case 8-CDIP (0.300", 7.62mm) Supplier Device Package 8-CDIP	Operating Temperature	-55°C ~ 125°C (TA)
Supplier Device Package 8-CDIP	Mounting Type	Through Hole
	Package / Case	8-CDIP (0.300", 7.62mm)
Report errors?	Supplier Device Package	8-CDIP
		Report errors?

#### **TC426MJA 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.

### **TC426MJA Payment Methods**



















### **TC426MJA Shipping Methods**













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