

### **IFX24401EL V50 Information**



For Reference Only

Part Number IFX24401EL V50 Manufacturer Infineon Technologies Integrated Circuits (ICs) Category

PMIC - Voltage Regulators - Linear

**Description** IC REG LINEAR 5V 300MA 14SSOP

Package 14-LSSOP (0.154", 3.90mm Width) Exposed Pad

For the pricing/inventory/lead time, please contact

Website: https://www.heisener.com

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.









### **IFX24401EL V50 Specifications**

Manufacturer Part Number         IFX24401EL V50           Manufacturer         Infineon Technologies           Category         Integrated Circuits (ICs)           Package         14-LSSOP (0.154", 3.90mm Width) Exposed Pad           Series         -           Output Configuration         Positive           Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         42V           Voltage - Output (Min/Fixed)         5V           Voltage - Output (Max)         -           Voltage Dropout (Max)         0.5V @ 200mA           Current - Output         300mA           Current - Quiescent (Iq)         -           Current - Supply (Max)         30µA ~ 40µA           PSRR         60dB (100Hz)           Control Features         60dB (100Hz)           Control Features         Over Current, Over Temperature, Short Circuit           Operating Temperature         -40°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         14-LSSOP (0.154", 3.90mm Width) Exposed Pad           Supplier Device Package         PG-SSOP-14-EP	•	
Category         Integrated Circuits (ICs)           PMIC - Voltage Regulators - Linear           Package         14-LSSOP (0.154", 3.90mm Width) Exposed Pad           Series         -           Output Configuration         Positive           Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         42V           Voltage - Output (Min/Fixed)         5V           Voltage - Output (Max)         -           Voltage Dropout (Max)         0.5V @ 200mA           Current - Output         300mA           Current - Quiescent (Iq)         -           Current - Supply (Max)         30µA ~ 40µA           PSRR         60dB (100Hz)           Control Features         Enable           Protection Features         Over Current, Over Temperature, Short Circuit           Operating Temperature         -40°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         14-LSSOP (0.154", 3.90mm Width) Exposed Pad           Supplier Device Package         PG-SSOP-14-EP	Manufacturer Part Number	IFX24401EL V50
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Voltage - Input (Max)  Voltage - Output (Min/Fixed)  5V  Voltage - Output (Max)  - Voltage Dropout (Max)  Current - Output  300mA  Current - Quiescent (Iq)  - Current - Supply (Max)  PSRR  60dB (100Hz)  Control Features  Frotection Features  Over Current, Over Temperature, Short Circuit  Operating Temperature  -40°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  14-LSSOP (0.154", 3.90mm Width) Exposed Pad  Supplier Device Package  PG-SSOP-14-EP	Output Type	Fixed
Voltage - Output (Min/Fixed)  Voltage - Output (Max)  - Voltage Dropout (Max)  0.5V @ 200mA  Current - Output  300mA  Current - Quiescent (Iq)  - Current - Supply (Max)  30μA ~ 40μA  PSRR  60dB (100Hz)  Control Features  Enable  Protection Features  Over Current, Over Temperature, Short Circuit  Operating Temperature  -40°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  14-LSSOP (0.154", 3.90mm Width) Exposed Pad  Supplier Device Package	Number of Regulators	1
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$\begin{tabular}{lll} $Current - Quiescent (Iq) & - \\ $Current - Supply (Max)$ & $30\mu A \sim 40\mu A$ & \\ $PSRR$ & $60dB (100Hz)$ & \\ $Control Features$ & Enable & \\ $Protection Features$ & $Over Current, Over Temperature, Short Circuit$ & $Operating Temperature$ & $-40^{\circ}C \sim 125^{\circ}C$ & \\ $Mounting Type$ & Surface Mount$ & \\ $Package / Case$ & $14\text{-LSSOP } (0.154", 3.90mm Width) Exposed Pad$ & \\ $Supplier Device Package$ & $PG\text{-SSOP-}14\text{-EP}$ & \\ \end{tabular}$	Voltage Dropout (Max)	0.5V @ 200mA
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Package / Case 14-LSSOP (0.154", 3.90mm Width) Exposed Pad Supplier Device Package PG-SSOP-14-EP	Operating Temperature	-40°C ~ 125°C
Supplier Device Package PG-SSOP-14-EP	Mounting Type	Surface Mount
	Package / Case	14-LSSOP (0.154", 3.90mm Width) Exposed Pad
Report errors?	Supplier Device Package	PG-SSOP-14-EP
		Report errors?

#### **IFX24401EL V50 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.

# **IFX24401EL V50 Payment Methods**



















### **IFX24401EL V50 Shipping Methods**













If you have any question about IFX24401EL V50, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com