



International Rectifier (Infineon Technologies)

TLS205B0LDV50XUMA1

Part Number:	TLS205B0LDV50XUMA1
Manufacturer/Brand:	International Rectifier (Infineon Technologies)
Product description:	IC REG LINEAR 5V 500MA TSON-10
Datasheets:	PDF TLS205B0LDV50XUMA1.pdf
RoHS Status:	Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

Technologies

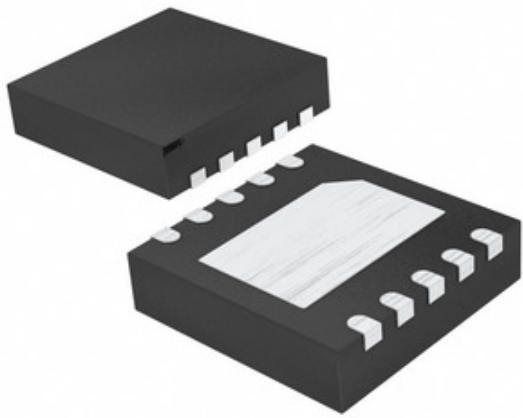


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Specifications of TLS205B0LDV50XUMA1

PART NUMBER	TLS205B0LDV50XUMA1
MANUFACTURER	International Rectifier (Infineon Technologies)
DESCRIPTION	IC REG LINEAR 5V 500MA TSON-10
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF TLS205B0LDV50XUMA1.pdf
VOLTAGE DROPOUT (MAX)	0.48V @ 500mA
VOLTAGE - OUTPUT (MIN/FIXED)	5V
VOLTAGE - OUTPUT (MAX)	-
VOLTAGE - INPUT (MAX)	20V
SUPPLIER DEVICE PACKAGE	PG-TSON-10
SERIES	Automotive, AEC-Q100
PROTECTION FEATURES	Over Current, Over Temperature, Reverse Polarity
PACKAGING	Cut Tape (CT)
PACKAGE / CASE	10-TFDFN Exposed Pad
PSRR	65dB (120Hz)
OUTPUT TYPE	Fixed
OUTPUT CONFIGURATION	Positive
OTHER NAMES	TLS205B0LDV50XUMA1CT
OPERATING TEMPERATURE	-40°C ~ 125°C (TJ)
NUMBER OF REGULATORS	1
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	2A (4 Weeks)
MANUFACTURER STANDARD LEAD TIME	14 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DETAILED DESCRIPTION	Linear Voltage Regulator IC Positive Fixed 1 Output 5V 500mA PG-TSON-10
CURRENT - SUPPLY (MAX)	31mA
CURRENT - QUIESCENT (IQ)	60µA
CURRENT - OUTPUT	500mA
CONTROL FEATURES	Enable

Related Tags

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Related Products

<p>TLS205B0LDV33XUMA1 Manufacturers: International Rectifier (Infineon Technologies) Description: IC REG LINEAR 3.3V 500MA TSON-10 In stock: Out stock RFQ</p>	<p>TLS208D1EJV33XUMA1 Manufacturers: International Rectifier (Infineon Technologies) Description: IC REG LIN 3.3V 800MA 8DSO E-PAD In stock: Out stock RFQ</p>
<p>TLS205B0EJVXUMA1 Manufacturers: International Rectifier (Infineon Technologies) Description: IC REG LIN POS ADJ 500MA 8DSO In stock: Out stock RFQ</p>	<p>TLS205B0EJV50XUMA1 Manufacturers: International Rectifier (Infineon Technologies) Description: IC REG LIN 5V 500MA 8DSO E-PAD In stock: Out stock RFQ</p>
<p>TLS430 Manufacturers: Fluke Electronics Description: TEST LEAD SET FOR 430 SERIES In stock: Out stock RFQ</p>	<p>TLS208D1LDV33XUMA1 Manufacturers: International Rectifier (Infineon Technologies) Description: IC REG LINEAR 3.3V 800MA TSON-10 In stock: Out stock RFQ</p>
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<p>TLS208D1EJVXUMA1 Manufacturers: International Rectifier (Infineon Technologies) Description: IC REG LIN POS ADJ 800MA 8DSO In stock: Out stock RFQ</p>	<p>TLS208D1LDVXUMA1 Manufacturers: International Rectifier (Infineon Technologies) Description: IC REG LIN POS ADJ 800MA TSON-10 In stock: Out stock RFQ</p>
<p>TLS203B0LDVXUMA1 Manufacturers: International Rectifier (Infineon Technologies) Description: IC REG LIN POS ADJ 300MA TSON-10 In stock: Out stock RFQ</p>	<p>TLS205B0EJV33XUMA1 Manufacturers: International Rectifier (Infineon Technologies) Description: IC REG LIN 3.3V 500MA 8DSO E-PAD In stock: Out stock RFQ</p>

