

ST VREG Finder application and LDO Quick Reference Guide

The VREG Finder App (**ST-VREG-FINDER**) is an all-in-one design toolkit and smart product selector available for iOS and Android. You can select the best product from our LDO and Switching converter (buck, boost and buck-boost) portfolios for your application.



Visit www.st.com/st-vreg-finder



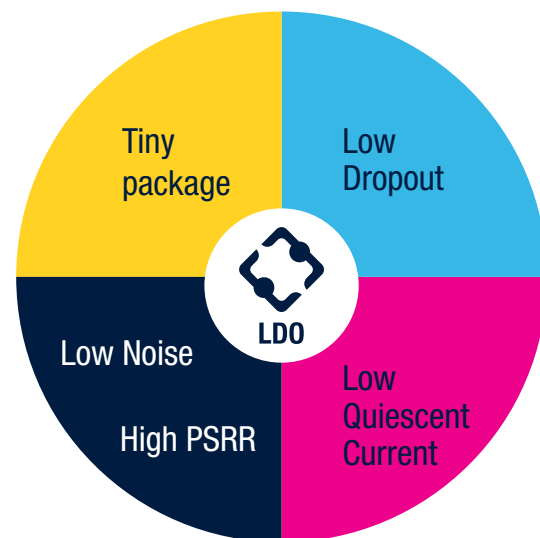
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The **LDO Quick Reference Guide** provides developers with an overview of our most commonly used linear regulators and will help them identify the most appropriate solution for each type of application.
<http://www.st.com/QRG-LDO>



LDO Sample Kit – High Performance selection



Part Number	Tiny Package	Low Quiescent Current	Low Dropout	Low Noise / High PSRR
LD39100		X	X	X
LD39130S	X	X		
LD39200			X	X
LD56050	X		X	X
LD56100	X		X	X
LD57100	X		X	X
LD59030	X		X	X
LD59100			X	X
LDBL20	X			X
LDF			X	
LDK130	X		X	
LDK320			X	
LDL112			X	
LDL212			X	
LDLN025	X			X
ST715	X	X		
ST730		X		
STLQ020	X	X		

Inside this kit

Product	Package	Description
LD39100PUR	DFN6 3x3	1A, low quiescent current, low noise
LD39130SJ33R	Flip-Chip 4	300mA, ultra low quiescent current with automatic green mode
LD39200PUR	DFN6 3x3	2A, ultra low drop, high PSRR, with reverse current protection
LD56050DPU105R	DFN4 1.2x1.2	500mA, ultra low drop with bias supply
LD56100DPU30R	DFN8 1.2x1.3	1A, very low drop and ultra low noise
LD57100JR	Flip-Chip 6	1A, ultra low drop with bias supply
LD59100TPU30R	DFN4 1x1	300mA, low IQ, ultra-low drop and high PSRR
LD59100PUR	DFN8 3X3	1A, ultra low drop, with reverse current protection
LDBL20-18R	ST STAMP™	20mA, low quiescent current and high PSRR in ST STAMP™
LDFMPVR	DFN6 2x2	1A, very low drop, 16V input compatible
LDK130PU-R	DFN6 1.2x1.3	300mA, low quiescent current and low noise
LDK320AM30R	SOT23-5L	200mA, ultra low quiescent current, high PSRR, 18V input
LDL112PV33R	DFN6 3x3	1.2A, ultra low drop, with reverse current protection
LDL212DR	SO-8	1.2A, ultra low drop, high PSRR, 18V input compatible
LDLN025PU33R	DFN4 1x1	250mA, ultra low noise and very high PSRR
ST715C33R	SOT323-5L	85mA, very low quiescent current, 24V input compatible
ST730MR	SOT23-5L	300mA, very low quiescent current, 28V input compatible
STLQ020J30R	Flip-Chip 4	200mA, ultra low quiescent current



Scan this QR-code to visit our website
www.st.com/ldo

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LDO Sample Kit

High performance at your fingertips



ST high-performance LDO sample Kit



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AVNET SILICA

High-performance low dropout (LDO) regulators

Our benefits

- 50 years of experience in design and manufacturing
- High-volume supplier
- In-house technologies
- High quality (<0.01 ppm)
- 10-year longevity commitment



Independent Supplier Innovation Large Portfolio
Commitment Agility Expertise
Application Know-How
Technical Support Teamwork
Agility Resilience

- 1.5 V to 28 V supply voltage
- -40 to 150 °C operating temperature
- State of the art performance
- Ultra-low consumption
- Tiny packages

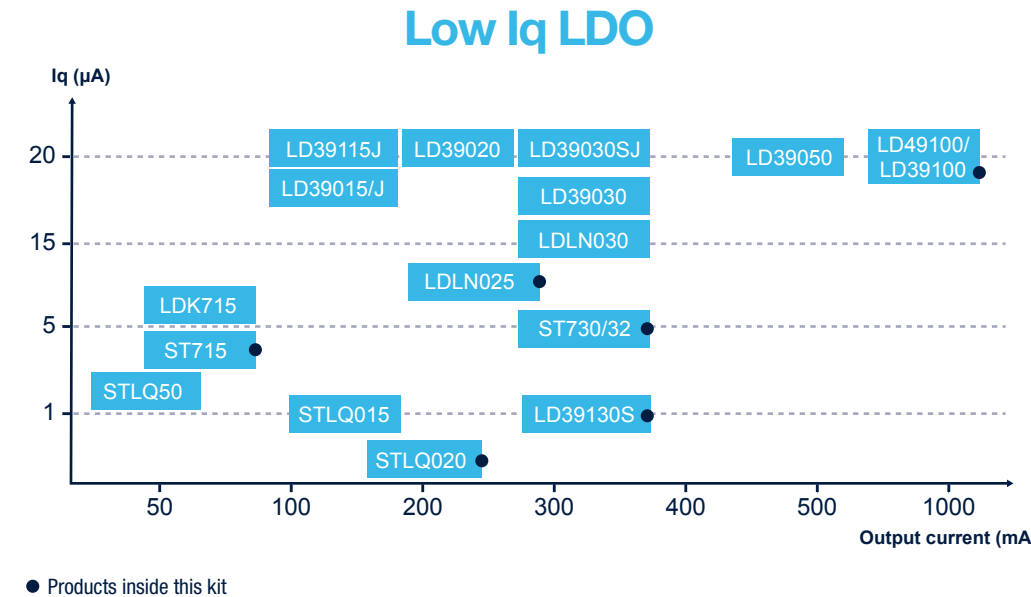


High Performance LDO samples

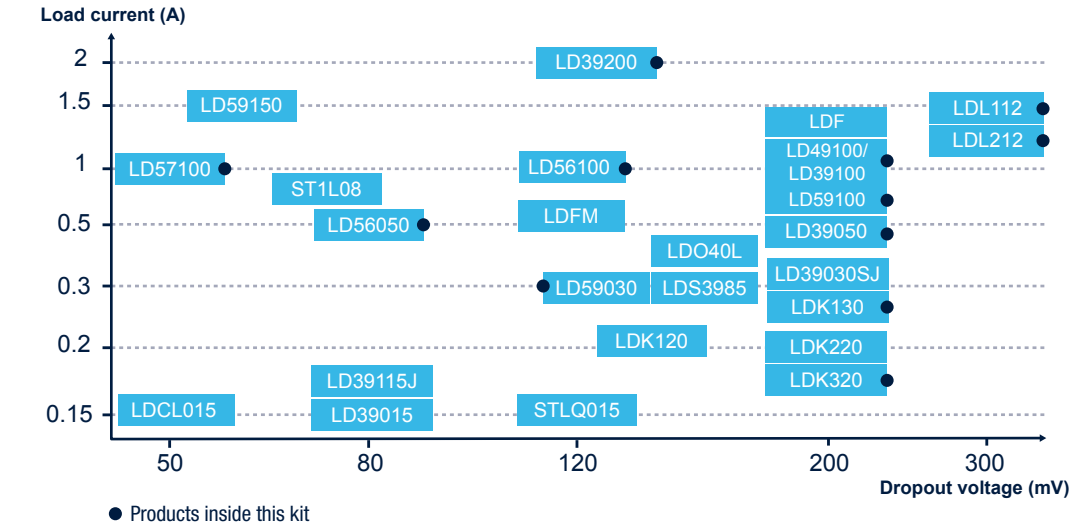
Up to 16V V _{IN}		
LD39130SJ33R Flip-Chip 4	STLQ020J30R Flip-Chip 4	LD57100JR Flip-Chip 6
LD59030DTPU30R DFN4 1x1	LDLN025PU33R DFN4 1x1	LDBL20-18R ST STAMP™
LD56050DPU105R DFN4 1.2x1.2	LDK130PU-R DFN6 1.2x1.3	LD56100DPU30R DFN8 1.2x1.6
LD39100PUR DFN6 3x3	LD59100PUR DFN8 3x3	
LDL112PV33R DFN6 3x3	LD39200PU33R DFN6 3x3	
From 16V to 28V V _{IN}		
LDK320AM30R SOT23-5L	LDFMPVR DFN6 2x2	
LDL212D33R SO-8	ST715C33R SOT323-5L	ST730MR SOT23-5L

Note: Samples for evaluation only

LDO Sample Kit - Package range



Low Dropout LDO



Low Noise - High PSRR LDO

