










 A Renesas Company	ZL2005ALNF
	Manufacturer Part Number: ZL2005ALNF
 Not Actual Photo YIC International Co., Limited.	Manufacturer/Brand: Intersil
	Part of Description: IC REG CTRLR BUCK PMBUS 36QFN
Datasheets:  ZL2005ALNF.pdf	RoHS Status:  Lead free / RoHS
Stock Condition: Compliant New original, Stock Available.	Ship From: Hong Kong
Image may be representation. See specs for product details.	Shipment Way: DHL/Fedex/TNT/UPS/EMS

Specifications

Part Number	ZL2005ALNF
Manufacturer	Intersil
Description	IC REG CTRLR BUCK PMBUS 36QFN
Category	Integrated Circuits (ICs) > PMIC - Voltage Regulators -
Part Status	Require For Quote & Check Stock
Series	Digital-DC™
Operating Temperature	-40°C ~ 85°C (TA)
Output Type	Transistor Driver
Package / Case	36-VFQFN Exposed Pad
Supplier Device Package	36-QFN (6x6)
Function	Step-Down
Frequency - Switching	200kHz ~ 2MHz
Number of Outputs	1
Output Configuration	Positive
Voltage - Supply (Vcc/Vdd)	3 V ~ 5.5 V
Topology	Buck
Control Features	Current Limit, Enable, Power Good, Soft Start, Tracking
Output Phases	1
Duty Cycle (Max)	95%
Synchronous Rectifier	Yes
Clock Sync	Yes
Serial Interfaces	I²C, PMBus, SMBus
Packaging	Tube







































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 ZL2004ALNNT1-01 Intersil IC REG CTRLR BUCK PMBUS 32QFN	 ZL2004ALNNT1 Intersil IC REG CTRLR BUCK PMBUS 32QFN	 ZL2005AL ZILKER ZL2005AL ZILKER	 ZL2005ALNFT Intersil IC REG CTRLR BUCK PMBUS 36QFN

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 0402YC151KA72A	 7MBR75VN-120-50	 AP2121AK-3.0TR	 APTB1612-CHS28	 AT24C1024BN-SH25
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 DDZ9708T-7	 DS2188S-C01+TR	 DT210N04KOF	 DZ2J390SMD	 GAE100AA120
 GCM1885G1H101JA16D	 GCM2165C1H121JA16D	 GQM1875C2E330FB12D	 GRM0336S1E1R5CD01D	 GRM1886S1H6R1DZ01D
 IRF6648TR1	 K438F5091	 LC5256MB-5F256-75I	 LT1117IST-5TRPBF	 LT1493CS
 LT3506EFE#PBF	 MAX3058ASA	 MB84VA2000-10PB-G	 MCC55-12IO8	 MM3Z4V3B
 MT48LC16M16A2F4-7E:	 OPA2830IDGK	 PQ1CY103ZPH	 PSB50368ELV1.2-G	 PZTA92L-AA3-R
 QG82915GMESLA9K	 RF2132TR13	 S-1170B15UC-OTATFG	 SI3024-KS	 SSM2304CPZ
 SST4393-T1-GE3	 STP55NE06FP	 TS432AILT	 TT60F08KBC	 VI-233-05
 VI-251-CV	 VSKT71/16P	 VSKU56/16P	 VSSA3L6S-M3/61T	 XC6201P242PR

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