











 A Renesas Company	ISL78420AVEZ
	Manufacturer Part Number: ISL78420AVEZ
 	Manufacturer/Brand: Intersil
	Part of Description: IC DRVR HALF BRIDGE 10DFN
Datasheets:  ISL78420AVEZ.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	ISL78420AVEZ
Manufacturer	Intersil
Description	IC DRVR HALF BRIDGE 10DFN
Category	Integrated Circuits (ICs) > PMIC - Gate Drivers
Part Status	Require For Quote & Check Stock
Series	Automotive, AEC-Q100
Input Type	Non-Inverting
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Package / Case	14-TSSOP (0.173", 4.40mm Width) Exposed Pad
Supplier Device Package	14-HTSSOP
Voltage - Supply	8 V ~ 14 V
Channel Type	Synchronous
Driven Configuration	Half-Bridge
Number of Drivers	2
Gate Type	N-Channel MOSFET
Logic Voltage - VIL, VIH	1.8V, 4V
Current - Peak Output (Source, Sink)	2A, 2A
Rise / Fall Time (Typ)	10ns, 10ns
High Side Voltage - Max (Bootstrap)	114V
Packaging	Tube



















































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 <p>ISL78420EVAL1Z Intersil EVAL BOARD FOR ISL78420</p>	 <p>ISL78600ANZ-TR5573 Intersil IC BATTERY MONITOR 64TQFP</p>	 <p>ISL78420AVEZ-T7A Intersil IC DRVR HALF BRIDGE 10DFN</p>	 <p>ISL78420ARTBZ-T Intersil IC DRVR HALF BRIDGE 9DFN</p>

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|---|--|--|---|---|
|  04025U2R7BAT2A |  459120001 |  AD7530LN |  ADUC7034BCPZ |  ADV7441ABSTZ-110 |
|  AP1206P252MR |  AP25G45GEM |  ATA5292C |  BAV99-7-GIGA |  BCM43436PKUBG |
|  BD6110GU-E2 |  BD7802FP-E2 |  BSS806NH6327 |  BU76210GU-E2 |  C0402CH1C101J020BC |
|  D C1005X6S1E683M050BC |  CC0201MRX5R5BB474 |  CL31C270JHFNNE |  CY241V8ASXC-45T |  DMP4010SK3Q |
|  FGH20N60UFD |  GRM1885C1HR10BD01D |  HTT45N800KOC |  IPA50R399CP |  IRF7404QTRPBF. |
|  K1400E70 |  LC72131MD |  LMV321M7 |  LP3891ESX-1.5/NOPB |  LT1181CN |
|  M505015V |  D MAAMSS0042TR |  MAX3082CSA |  MMPF0100F0ANES |  MT46H8M32LFB5-6IT:H |
|  MX29LV640TTC-90 |  N320CH45 |  N370CH12 |  PKS2213PI |  S200LC200 |
|  SKKD500-12 |  SKM400GA162D |  SKT410F08DS |  D SMF30A-E3-08 |  TC4040BP |
|  THS4121IDR |  TPS2042DR |  UPA1700AG-E2 |  UPD780034AGK-B22-9ET-A |  VC14MT0600KBA |

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