Part Decoder

IS 32 LT 3154 A S - GR L C S2 - TR

- Lumissil Prefix
- Product Family
- Product Type
- Part Number
- Variant
- Country of Origin
- Package Code
- Solder Type
- Bonding Wire
- Temp. Grade
- Packaging Option

Product Family
31 = Commercial/Industrial Analog
32 = Automotive Analog and Mixed Signal

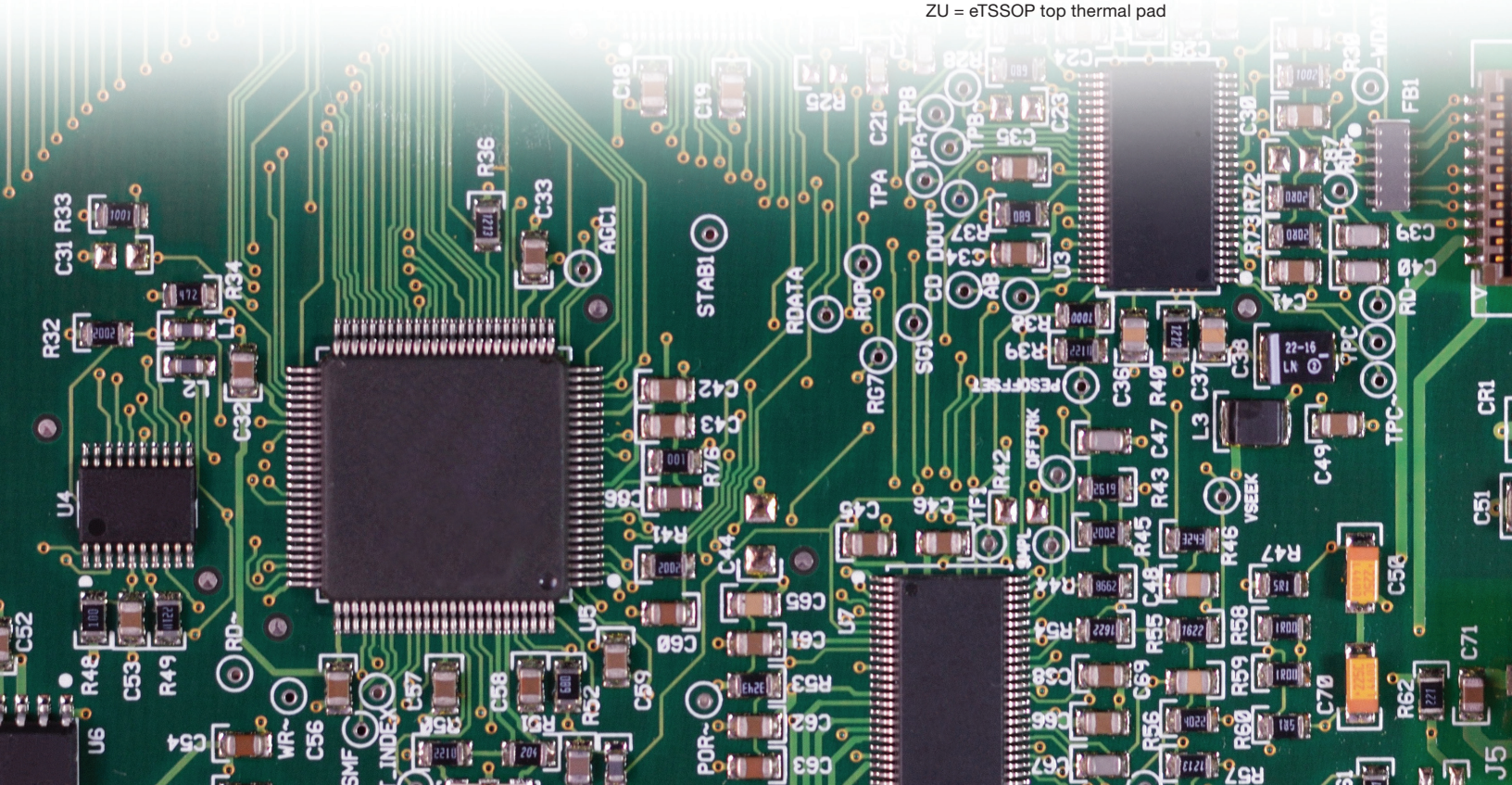
Product Type
AP = Audio Power Amplifier
AS = ASIC
BL = White LED Driver for LCD Backlight
CG= Connectivity
CS = MCU
FB = Fiber
FL = FxLED Driver
IO = Multi-Function I/O Expander, CAN, LIN
LT = Lighting LED Driver
NM = Networking
PM = Power Management
PS = Power Switch
SE = Sensor
SL = Smart Light

Temperature
S1 = Commercial (0°C to 70°C)
S2 = Industrial temp. (-40°C to 85°C)
S3 = Industrial temp. (-40°C to 105°C)
S4 = Industrial temp. (-40°C to 125°C)
A1 = Automotive Grade 3 (-40°C to +85°C)
A2 = Automotive Grade 2 (-40°C to +105°C)
A3 = Automotive Grade 1 (-40 to 125°C)
A4 = Automotive Grade 0 (-40 to 150°C)

Solder Type
Blank = Sn/Pb
L = Lead-free (RoHS Compliant)

Bonding Wire
Blank = Gold (Au)
C = Copper (Cu)

Package Code
C = WCSP, FCQFN
D = DFN
DW = WFDFN
DWC = WFCDFN
GR = SOP/eSOP
LQ = eLQFP
QF = QFN
QU = UQFN
QW = Wettable flank QFN
QWC = WFCQFN
S = MSOP
SA = SSOP
SD = SOT89
ST = SOT23
TT = TSOT
TQ = eTQFP
UT = UTQFN
Z = eTSSOP
ZN = TSSOP
ZU = eTSSOP top thermal pad

Packaging Option
Blank = Tray or Tube
TR = Tape & Reel

Country of Origin
Blank = Mixed
S = Out of China