QLx Types

Wired Signal Integrity Parts

QLx XXXX XXX XX

PREFIX

PART NUMBER[1]

EXTENSION
RIQ: Generic Receive Side Equalizer
SIQ: Impedance Select Option
LIQ: LOS Option
IQ: Intersil-Quellan (introduced after Intersil acquisition of Quellan)

TAPE & REEL
T7: 7” Production Tape & Reel, Quantity 1,000
SR: 7” Sample Tape & Reel, Quantity 100

NOTE:
1. Usually Number of Channels + Data rate, e.g. 4600: Quad 6G; 411G: Quad 11G.

Active Cables

QLx XXXXX XXX X YYYY

PREFIX

PART NUMBER[1]

FORM-FACTOR[2]

LENGTH/GAUGE[3]

NOTES:
1. Data Rate followed by Special Designator, followed by Customer Designator (if applicable), followed by “C” for cable.
   Special Designators:
   0 for half-active (chip on RX side only)
   1 for generic full-active (chips on both TX and RX ends)
   2 for full-active Ethernet
   Customer Designator:
   0 for general market, other numbers for specific customers, e.g. 600C (6G half-active cable), 4000C (40G half-active cable), 4100C (40G full-active cable)
2. For example, connector type or form-factor: SFP for SFP+, QSFP for QSFP, MSAS for Mini-SAS, SDP for mini DisplayPort, SDP for Standard DisplayPort, SMDP for mini-to-standard DisplayPort.
3. For example, 1028 = 10m 28 AWG.

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