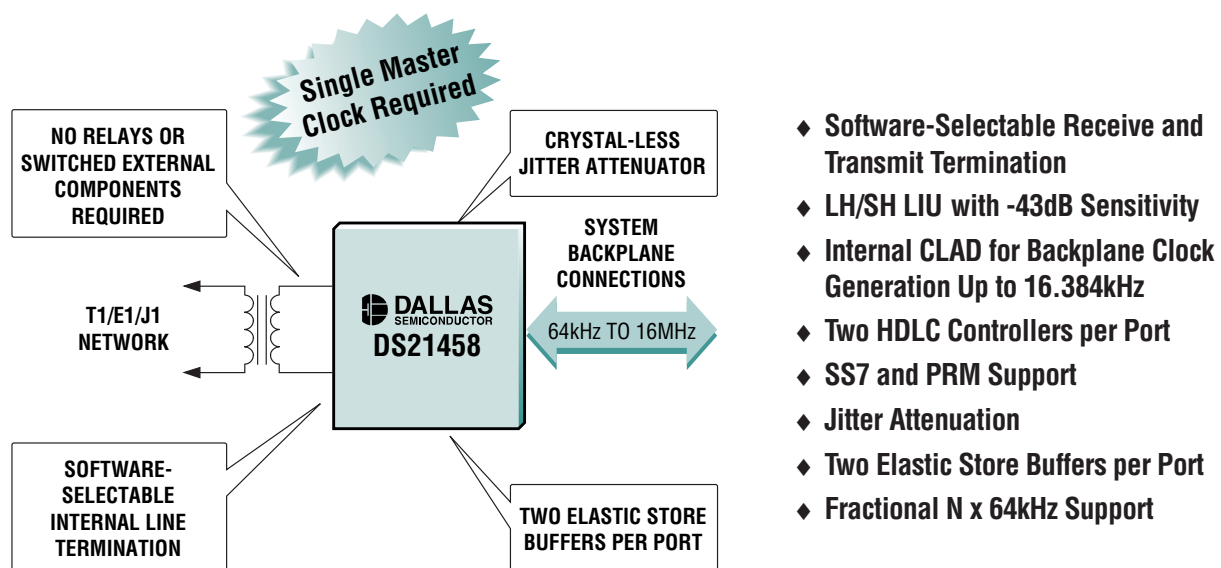


# QUAD MONOLITHIC, SOFTWARE-SELECTABLE, T1/E1/J1 TRANSCEIVERS

**The Only Four-Port LIU + Framer Combinations that Switch Among All  
T1, E1, and J1 Standards Without External Component Changes!**

The DS21455/DS21458 contain all functions necessary to connect four T1, E1, or J1 lines without relays or switched external components. A single clock supports all standard T1, E1, or J1 operating modes. Any mix of port types can be software-configured and interleaved on the same 16.384MHz backplane. The DS21455 is pin and software compatible with the DS21Q55 for convenient migration of existing designs. The DS21458 is software compatible with the DS21Q55, and available in a smaller 17mm x 17mm CSBGA for higher density applications



Part	Temperature Range (°C)	Package	Price† (\$)
DS21458	Commercial (0 to +70)	17mm, 256 CSBGA	33.94
DS21458N	Industrial (-40 to +85)	17mm, 256 CSBGA	39.03
DS21455	Commercial (0 to +70)	27mm, 256 BGA	36.70
DS21455N	Industrial (-40 to +85)	27mm, 256 BGA	42.21

†\$5,000-up recommended resale. Prices provided are for design guidance and are FOB USA. International prices will differ due to local duties, taxes, and exchange rates. Not all packages are offered in 1k increments, and some may require minimum order quantities.



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