GAL16LV8D-3LJN

SPLD GAL Family 8 Macro Cells 250MHz 3.3V 20-Pin PLCC

Manufacturer:	Lattice Semiconductor Corp
Package/Case:	PLCC20
Product Type:	Programmable Logic ICs
RoHS:	RoHS Compliant/Lead free
Lifecycle:	Obsolete

Images are for reference only

Inquiry

General Description

The GAL16LV8D, at 3.5 ns maximum propagation delay time, provides the highest speed performance available in the PLD market. The GAL16LV8C can interface with both 3.3V and 5V signal levels. The GAL16LV8 is manufactured using Lattice Semiconductor's advanced 3.3V E2 CMOS process, which combines CMOS with Electrically Erasable (E2) floating gate technology. High speed erase times (<100ms) allow the devices to be reprogrammed quickly and efficiently.

The 3.3V GAL16LV8 uses the same industry standard 16V8 architecture as its 5V counterpart and supports all architectural features such as combinatorial or registered macrocell operations.

Unique test circuitry and reprogrammable cells allow complete AC, DC, and functional testing during manufacture. As a result, Lattice Semiconductor delivers 100% field programmability and functionality of all GAL products. In addition, 100 erase/write cycles and data retention in excess of 20 years are specified.

Recommended For You

GAL16V8D-25LP

Lattice Semiconductor Corp

DIP20

GAL16V8D-15QJ

Lattice Semiconductor Corp

PLCC20

GAL16V8D-15LPN

Lattice Semiconductor Corp

DIP20

GAL16V8D-10LP

Lattice Semiconductor Corp

DIP

GAL22V10D-15LJ

Lattice Semiconductor Corp

PLCC28

GAL16V8D-15LJN

Lattice Semiconductor Corp

PLCC20

GAL20V8B-15LP

Lattice Semiconductor Corp

DIP24

GAL16V8D-25LJN

Lattice Semiconductor Corp

PLCC

GAL16V8D-10LPN

Lattice Semiconductor Corp

DIP

GAL16V8D-25QPI

Lattice Semiconductor Corp

DIP

GAL20V8B-15LPN

Lattice Semiconductor Corp

DIP

GAL18V10B-20LP

Lattice Semiconductor Corp

DIP20

GAL22V10D-10LJN

Lattice Semiconductor Corp

PLCC

GAL16V8D-25LJI

Lattice Semiconductor Corp

PLCC20

GAL16LV8D-5LJ

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PLCC20