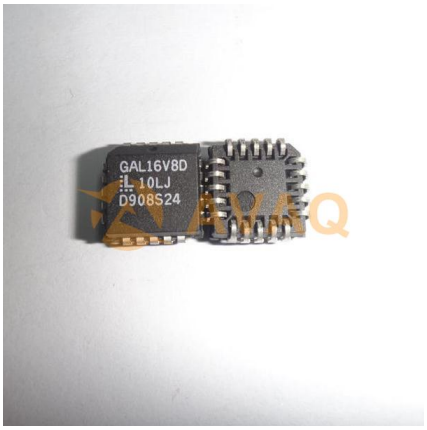
GAL16V8D-10LJ

SPLD GAL Family 8 Macro Cells 71.4MHz 5V 20-Pin PLCC

Manufacturer:	Lattice Semiconductor Corp
Package/Case:	PLCC
Product Type:	Programmable Logic ICs
Lifecycle:	Obsolete



Images are for reference only

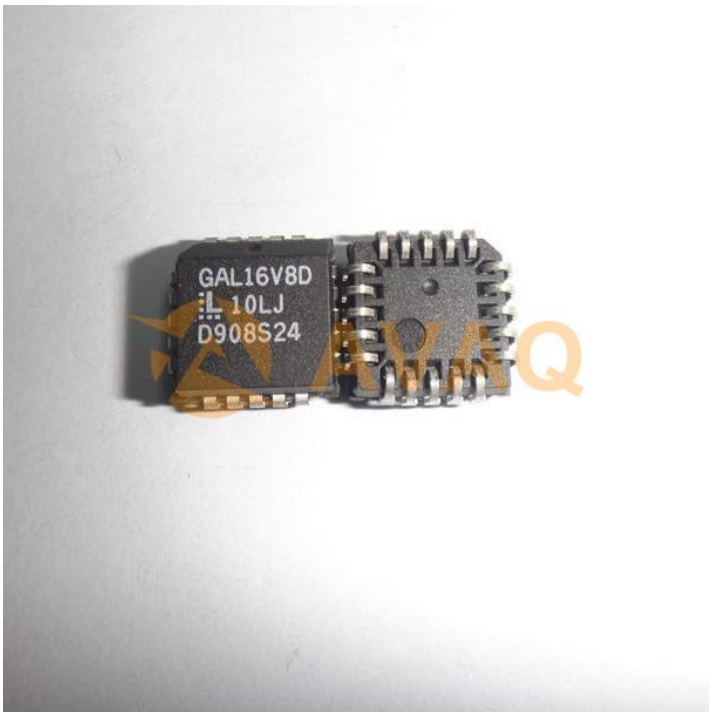
Inquiry

General Description

The GAL16V8, at 3.5 ns maximum propagation delay time, combines a high performance CMOS process with Electrically Erasable (E2) floating gate technology to provide the highest speed performance available in the PLD market. High speed erase times (<100ms) allow the devices to be reprogrammed quickly and efficiently.

The generic architecture provides maximum design flexibility by allowing the Output Logic Macrocell (OLMC) to be configured by the user. An important subset of the many architecture configurations possible with the GAL16V8 are the PAL architectures listed in the table of the macrocell description section. GAL16V8 devices are capable of emulating any of these PAL architectures with full function/fuse map/parametric compatibility.

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