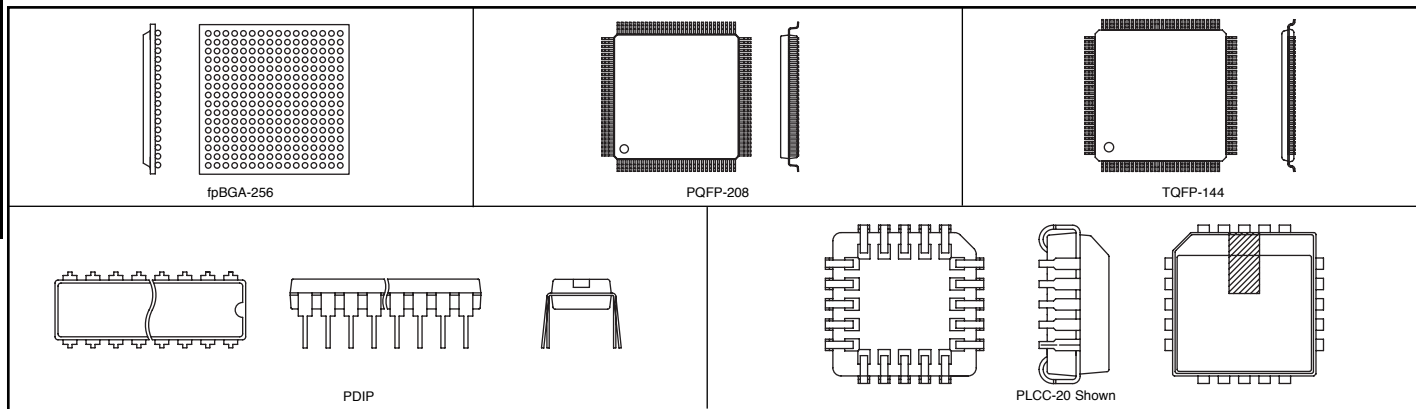


# LATTICE Programmable Logic Devices



Products may be RoHS compliant.  
Check mouser.com for RoHS status.

Lattice Programmable Logic



## LATTICE FIELD PROGRAMMABLE GATE ARRAYS (FPGAs)

For quantities of 100 and up, call for quote.

| MOUSER STOCK NO. | Lattice Part No. | Package   | Voltage (V) | Tpd (ns) | I/O | Price Each |       |
|------------------|------------------|-----------|-------------|----------|-----|------------|-------|
|                  |                  |           |             |          |     | 1          | 25    |
| 842-LFEC6E3F256  | LFEC6E-3F256C    | fpBGA-256 | 1.2         | 3        | 195 | 27.63      | 21.88 |
| 842-LFEC6E3Q208  | LFEC6E-3Q208C    | PQFP-208  | 1.2         | 3        | 147 | 26.63      | 21.09 |
| 842-LFEC6E3T144  | LFEC6E-3T144C    | TQFP-144  | 1.2         | 3        | 97  | 25.30      | 20.04 |

## LATTICE FIELD PROGRAMMABLE GATE ARRAY (FPGA) EVALUATION BOARDS

| MOUSER STOCK NO. | Lattice Part No. | Description                                | Price Each |
|------------------|------------------|--|------------|
| 842-LFEC6ELEV    | LFEC6E-L-EV      | Standard Evaluation Board for LatticeEC6   | 149.00     |
| 842-LFEC20ELEV   | LFEC20E-L-EV     | Standard Evaluation Board for LatticeEC20  | 175.00     |
| 842-LFEC20ELEV   | LFEC20E-L-EV     | Standard Evaluation Board for LatticeECP20 | 175.00     |
| 842-LFEC20EHEV   | LFEC20E-H-EV     | Advanced Evaluation Board for LatticeEC20  | 1295.00    |
| 842-LFEC20EHEV   | LFEC20E-H-EV     | Advanced Evaluation Board for LatticeECP20 | 1295.00    |

## LATTICE SIMPLE PROGRAMMABLE LOGIC DEVICES (SPLDs)

For quantities of 100 and up, call for quote.

| MOUSER STOCK NO.      | Lattice Part No.   | Package | Voltage (V) | Tpd (ns) | I/O | Macro Cells | Price Each |       |
|-----------------------|--------------------|---------|-------------|----------|-----|-------------|------------|-------|
|                       |                    |         |             |          |     |             | 1          | 25    |
| 842-GAL16V8D7LP       | GAL16V8D-7LP       | PDIP-20 | 5           | 7.5      | 16  | 8           | 3.97       | 3.36  |
| 842-GAL16V8D7LJ       | GAL16V8D-7LJ       | PLCC-20 | 5           | 7.5      | 16  | 8           | 3.97       | 3.36  |
| 842-GAL16V8D10LP      | GAL16V8D-10LP      | PDIP-20 | 5           | 10       | 16  | 8           | 3.84       | 3.25  |
| 842-GAL16V8D10LJ      | GAL16V8D-10LJ      | PLCC-20 | 5           | 10       | 16  | 8           | 3.84       | 3.25  |
| 842-GAL16V8D15LP      | GAL16V8D-15LP      | PDIP-20 | 5           | 15       | 16  | 8           | 2.08       | 1.76  |
| 842-GAL16V8D15LJ      | GAL16V8D-15LJ      | PLCC-20 | 5           | 15       | 16  | 8           | 2.08       | 1.76  |
| 842-GAL16V8D15QP      | GAL16V8D-15QP      | PDIP-20 | 5           | 15       | 16  | 8           | 2.50       | 2.12  |
| 842-GAL16V8D15QJ      | GAL16V8D-15QJ      | PLCC-20 | 5           | 15       | 16  | 8           | 2.50       | 2.12  |
| 842-GAL16V8D25LP      | GAL16V8D-25LP      | PDIP-20 | 5           | 25       | 16  | 8           | 1.76       | 1.49  |
| 842-GAL16V8D25LJ      | GAL16V8D-25LJ      | PLCC-20 | 5           | 25       | 16  | 8           | 1.76       | 1.49  |
| 842-GAL16V8D25QP      | GAL16V8D-25QP      | PDIP-20 | 5           | 25       | 16  | 8           | 2.08       | 1.76  |
| 842-GAL16V8D25QJ      | GAL16V8D-25QJ      | PLCC-20 | 5           | 25       | 16  | 8           | 2.08       | 1.76  |
| 842-GAL20V8C10LJ      | GAL20V8C-10LJ      | PLCC-28 | 5           | 10       | 20  | 8           | 6.31       | 5.34  |
| 842-GAL20V8B15LP      | GAL20V8B-15LP      | PDIP-24 | 5           | 15       | 20  | 8           | 2.80       | 2.37  |
| 842-GAL20V8B15LJ      | GAL20V8B-15LJ      | PLCC-28 | 5           | 15       | 20  | 8           | 2.80       | 2.37  |
| 842-GAL20V8B15QP      | GAL20V8B-15QP      | PDIP-24 | 5           | 15       | 20  | 8           | 3.25       | 2.75  |
| 842-GAL20V8B15QJ      | GAL20V8B-15QJ      | PLCC-28 | 5           | 15       | 20  | 8           | 3.25       | 2.75  |
| 842-GAL20V8B25LP      | GAL20V8B-25LP      | PDIP-24 | 5           | 25       | 20  | 8           | 2.34       | 1.98  |
| 842-GAL20V8B25LJ      | GAL20V8B-25LJ      | PLCC-28 | 5           | 25       | 20  | 8           | 2.34       | 1.98  |
| 842-GAL20V8B25QP      | GAL20V8B-25QP      | PDIP-24 | 5           | 25       | 20  | 8           | 2.80       | 2.37  |
| 842-GAL20V8B25QJ      | GAL20V8B-25QJ      | PLCC-28 | 5           | 25       | 20  | 8           | 2.80       | 2.37  |
| 842-GAL22V10D5LJ      | GAL22V10D-5LJ      | PLCC-28 | 5           | 5        | 22  | 10          | 23.47      | 19.86 |
| 842-GAL22V10D7LP      | GAL22V10D-7LP      | PDIP-24 | 5           | 7.5      | 22  | 10          | 16.15      | 13.67 |
| 842-GAL22V10D7LJ      | GAL22V10D-7LJ      | PLCC-28 | 5           | 7.5      | 22  | 10          | 16.15      | 13.67 |
| 842-GAL22V10D10LP     | GAL22V10D-10LP     | PDIP-24 | 5           | 10       | 22  | 10          | 8.81       | 7.45  |
| 842-GAL22V10D10LJ     | GAL22V10D-10LJ     | PLCC-28 | 5           | 10       | 22  | 10          | 8.81       | 7.45  |
| 842-GAL22V10D15LP     | GAL22V10D-15LP     | PDIP-24 | 5           | 15       | 22  | 10          | 7.77       | 6.57  |
| 842-GAL22V10D15LJ     | GAL22V10D-15LJ     | PLCC-28 | 5           | 15       | 22  | 10          | 7.77       | 6.57  |
| 842-GAL22V10D15QP     | GAL22V10D-15QP     | PDIP-24 | 5           | 15       | 22  | 10          | 9.56       | 8.09  |
| 842-GAL22V10D15QJ     | GAL22V10D-15QJ     | PLCC-28 | 5           | 15       | 22  | 10          | 9.56       | 8.09  |
| 842-GAL22V10D25LP     | GAL22V10D-25LP     | PDIP-24 | 5           | 25       | 22  | 10          | 4.10       | 3.47  |
| 842-GAL22V10D25LJ     | GAL22V10D-25LJ     | PLCC-28 | 5           | 25       | 22  | 10          | 4.10       | 3.47  |
| 842-GAL22V10D25QP     | GAL22V10D-25QP     | PDIP-24 | 5           | 25       | 22  | 10          | 6.60       | 5.58  |
| 842-GAL22V10D25QJ     | GAL22V10D-25QJ     | PLCC-28 | 5           | 25       | 22  | 10          | 6.60       | 5.58  |
| 842-ISP GAL22V10C7LJ  | ISP GAL22V10C-7LJ  | PLCC-28 | 5           | 7.5      | 22  | 10          | 16.15      | 13.67 |
| 842-ISP GAL22V10C10LJ | ISP GAL22V10C-10LJ | PLCC-28 | 5           | 10       | 22  | 10          | 8.81       | 7.45  |
| 842-ISP GAL22V10C15LJ | ISP GAL22V10C-15LJ | PLCC-28 | 5           | 15       | 22  | 10          | 7.77       | 6.57  |

## LATTICE PROGRAMMABLE LOGIC SOFTWARE

| MOUSER STOCK NO.     | Lattice Part No. | Description                                     | Price Each |
|----------------------|------------------|---|------------|
| 842-LS-HDL-BASE-PC-N | LS-HDL-BASE-PC-N | ispLEVER, Base Version                          | 973.75     |
| 842-LS-ADV-LX-F      | LS-ADV-LX-F      | ispLEVER, Advanced Version for Linux            | 1995.00    |
| 842-LS-ADV-WS-F      | LS-ADV-WS-F      | ispLEVER, Advanced Version for Unix             | 1995.00    |
| 842-LS-EC6-BASE-PC-N | LS-EC6-BASE-PC-N | ispLEVER, Base Version with EC6 Development Kit | 1095.00    |

