

ALL TECH ELECTRONICS

simplifying DISTRIBUTION



e2v announces the release of 14 advanced CMOS logic functions in support of long-life, customer production programs. Leveraging e2v's design resources, these advanced CMOS ICs are extending the product availability far beyond what is available in the industry.

e2v implemented the design resurrections using a multi-project wafer approach ensuring efficient use of silicon and a cost-effective solution to our customers.

This product is currently in stock and on order at All Tech Electronics.

Advanced CMOS EV54AC/ACT Logic

- Input voltage options include CMOS- and TTL-voltage compatible (EV54 AC/ACT respectively)
- Low power consumption
- ICC supply current - Typical 75% to 80% less than industry standard, advanced CMOS offerings
- Proven ESD protection, I/O slew-rate control, ground bounce/noise control
- -24/24 m IOH/IOL drive current
- Package options include ceramic DIP, ceramic Flat Package, and ceramic LCC
- Supplied to DSCC Standard Microcircuit Drawings (SMD), QML Class Q processing to military temperature range (-55°C to 125°C)
- Guaranteed of supply with e2v resurrected die designs eliminates the need for board redesign and re-qualification
- Mitigates Counterfeit Concerns

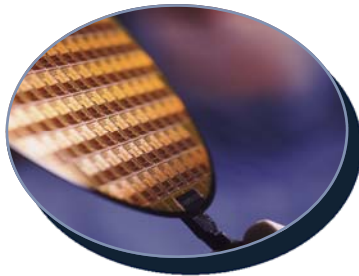
e2v **Bringing life to technology**

EV54AC/ACT Advanced CMOS Logic

| Function | Description | Order |
|--------------------------|---|--|
| CMOS-Level Inputs | | |
| EV54AC14 | Hex Inverter, Schmitt Trigger | 5962-8762401C , 5962-8762401D , 5962-87624012 , M38510/75702BC , M38510/75702BD , M38510/75702B2 |
| EV54AC32 | Or Gate, Quad 2-Input | 5962-8761401C , 5962-8761401D , 5962-87614012 , M38510/75201BC , M38510/75201BD , M38510/75201B2 |
| EV54AC138 | 1-of-8 Decoder/Demultiplexer | 5962-8762201E , 5962-8762201F , 5962-87622012 , M38510/75802BE , M38510/75802BF , M38510/75802B2 |
| EV54AC161 | Binary Counter, 4-bit Synchronous, Presettable | 5962-8956101E , 5962-8956101F , 5962-89561012 , M38510/76302BE , M38510/76302BF , M38510/76302B2 |
| EV54AC174 | Flip-Flop, D-type, Hex, with Master Reset | 5962-8762601E , 5962-8762601F , 5962-87626012 , M38510/75307BE , M38510/75307BF , M38510/75307B2 |
| EV54AC273 | Flip-Flop, D-type, 8-Bit, with Clear | 5962-8775601R , 5962-8775601S , 5962-87756012 |
| TTL-Level Inputs | | |
| EV54ACT74 | Flip-Flop, D-type, Dual, with Preset and Clear | 5962-8752501BC , 5962-8752501BD , 5962-8752501B2 |
| EV54ACT109 | Flip-Flop, JK, Dual, Positive Edge-Triggered | 5962-8853401E , 5962-8853401F , 5962-88534012 |
| EV54ACT112 | Flip-Flop, JK, Dual, Negative Edge-Triggered, with synchronous Set and Clear | 5962-8995001BE , 5962-8995001BF , 5962-8995001B2 |
| EV54ACT138 | 1-of-8 Decoder/Demultiplexer | 5962-8755401BE , 5962-8755401BF , 5962-8755401B2 |
| EV54ACT175 | Flip-Flop, D-type, 4-bit | 5962-8969301E , 5962-8969301F , 5962-89693012 |
| EV54ACT251 | Data Sel/Multiplexer, 8-Input, with 3-State Outputs | 5962-8959901E , 5962-8959901F , 5962-89599012 |
| EV54ACT257 | Data Sel/Multiplexer, Quad 2-Input, with 3- State Outputs | 5962-8968901E , 5962-8968901F , 5962-89689012 |
| EV54ACT373 | Latch, D-type, 8-bit, Transparent, with 3- State Outputs | 5962-8755601R , 5962-8755601S , 5962-87556012 |

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Since our inception 23 years ago, All Tech Electronics has become the most recognized SDB Distributor serving the defense and aerospace community.

We have established ourselves as a franchised stocking distributor and DMS Obsolescence solutions provider, specializing in military grade high reliability semiconductor products and value added services. Our goal has always been to provide our customers with an SDB business partner that doesn't require them to compromise quality or price.

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M55302, 28748

MIL-PRF-38534 & MIL-PRF-38535 - For solder coverage;

GEIA-STD-0006 - Requirements for robotic solder finish on

Electronic Components;

IPC/ANSI J-STD-001 - For Trim and Forming and Hot Solder

Dip; IPC/ANSI J-STD-002 - For Solderability Test;

ANSI STANDARD EIA-481 - For Tape & Reeling

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