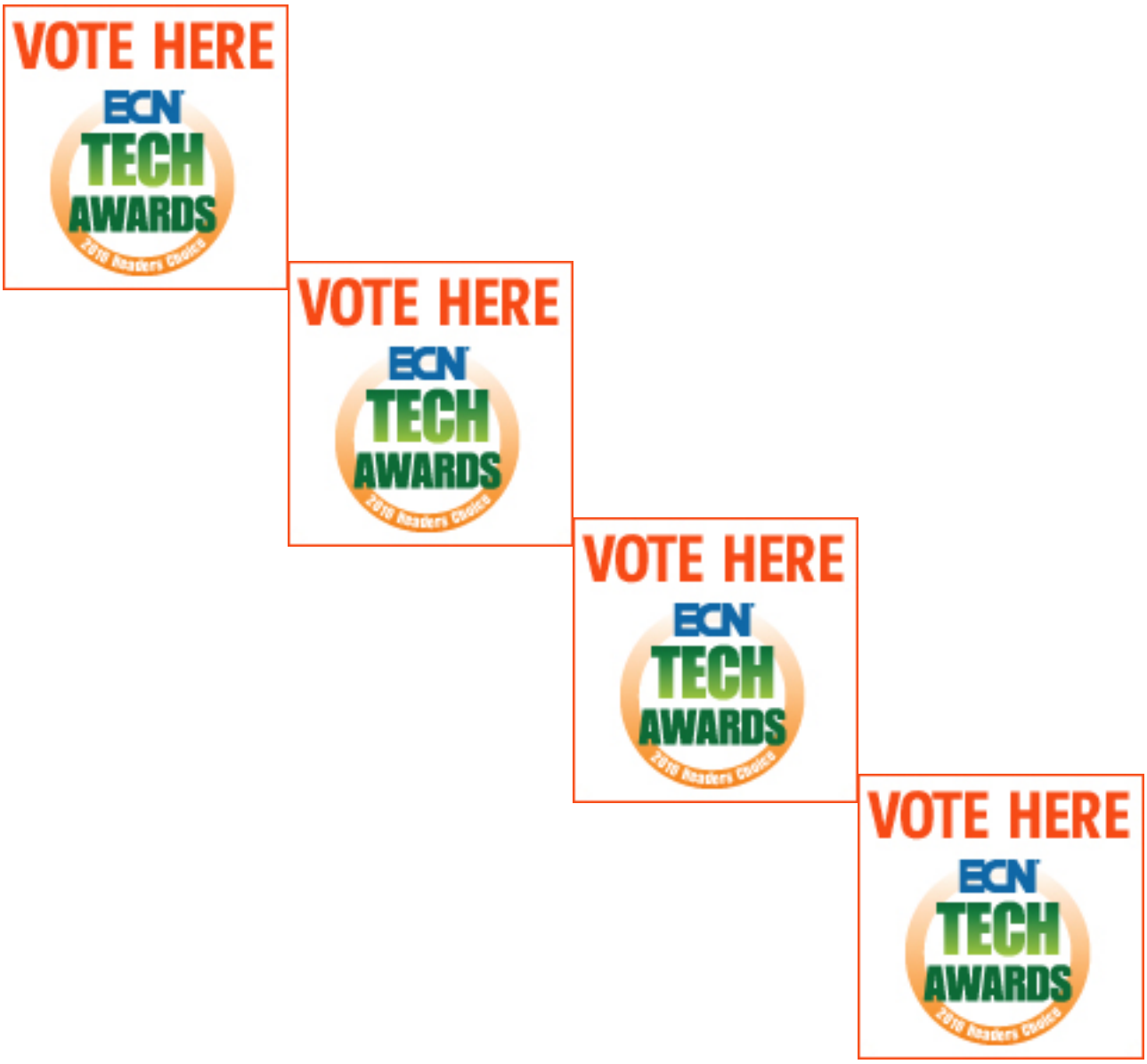
2010 Reader's Choice Tech Awards - Passive & Discrete Components



[1]

TT electronics BI Technologies - HM72B Series high-power molded inductor [2]

The HM72B Series high-power molded inductor has an wide operating temperature range and an operating frequency up to 3 MHz.
http://www.bitechnologies.com/pdfs/hm78.pdf [2]

TT electronics IRC - OARS-3 Series 3-Watt SMT Open Air Current Sense Resistor [3]

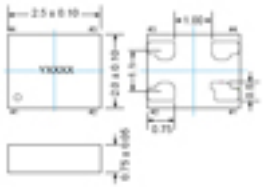
The OARS has a solid metal alloy construction that can withstand operating temperatures in excess of 350°C, more than conservative design models permit.
http://www.irctt.com/file.aspx?product_id=374&file_type=datasheet [3]

TT electronics IRC - LRF3W-MIL Series 3-Watt Ultralow resistance current sense chip resistor [4]

The LRF3W-MIL series combines high power capabilities, small chip size, very low resistance and high reliability to handle current sensing needs.
http://www.irctt.com/file.aspx?product_id=488&file_type=datasheet [4]

FAIRCHILD SEMICONDUCTOR Fairchild Semiconductor – FDMC7660 30V N-Channel PowerTrench MOSFET [5]

The 30V N-Channel PowerTrench MOSFET is best used for Power Management and load-switching applications that are common in portable battery packs or notebook computers.
http://www.fairchildsemi.com/pf/FD/FDMC7660.html [5]



SiTime - SiT8503 kHz-range Silicon MEMS Oscillator [6]

The SiT8503 is the first Silicon MEMS programmable oscillator optimized for 200 kHz-1000 kHz applications, and is drop-in compatible with legacy kHz devices.
http://sitime.com/products/sit8503.php [6]

Fox Electronics - Application Specific XpressO oscillators [7]

XpressO technology offers fast delivery of low jitter, small package size and multiple frequency and output options at a low cost.
http://foxonline.com/xpresso_assp.htm [7]

LCR Electronics - 0923 Double-Stage Filters [8]

Operating at temperatures from -40°C to +85°C, the RoHS-compliant Double Stage 0923 Filters are used where higher voltages and operating temperature ranges than standard off the shelf filters are required
http://www.lcr-inc.com/catalog/0923(high).pdf [8]

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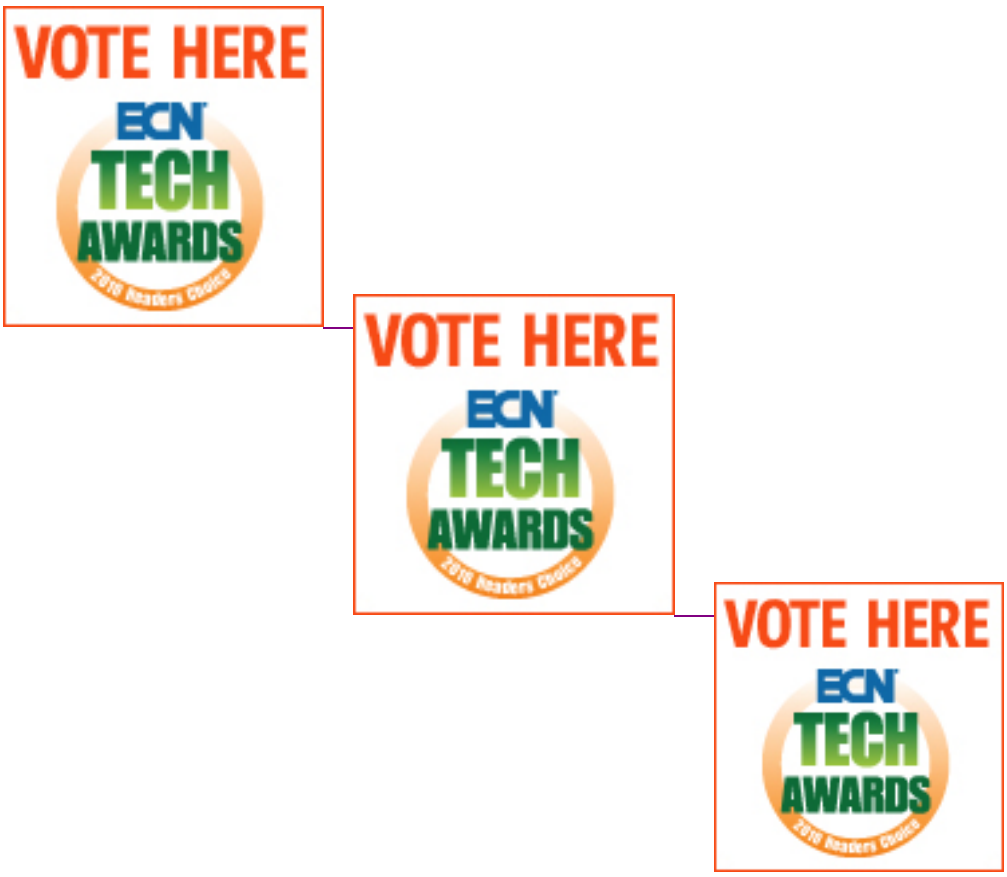

[1]

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