**Recent IC Announcements**

A continuing new products feature

<table>
<thead>
<tr>
<th>MANUFACTURER</th>
<th>FAMILY</th>
<th>PART NUMBERS</th>
<th>PRICE EACH (Lots of 100)</th>
<th>FUNCTION</th>
<th>COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Datel Systems</td>
<td></td>
<td>ADC-856C, M</td>
<td>$52, $83 (1-24)</td>
<td>10-bit tracking ADCs</td>
<td>Supply updated conversion data on full-scale sinusoidal signals to 300 Hz without need for sample and hold; 28 pin</td>
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<tr>
<td>Micro Power Systems</td>
<td>CMOS</td>
<td>MP7530, 31, 33</td>
<td>$7.90, $5.80</td>
<td>Multiplying DACs</td>
<td>Three monolithic devices are second-source replacements for AD7530, 31, 33</td>
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<tr>
<td>Fujitsu Micro Elec-</td>
<td>CMOS</td>
<td>MB8404E, 14E</td>
<td>Not stated</td>
<td>4K static RAMs</td>
<td>4096 x 1 and 1024 x 4; 250-ns access time; 370-ns cycle time; 18-pin DIP</td>
</tr>
<tr>
<td>Beckman</td>
<td></td>
<td>7541C</td>
<td>$12 (1000's)</td>
<td>12-bit multiplying DAC</td>
<td>Contains thin-film R-2R ladder network, and provides 12 parallel inputs with level shifters</td>
</tr>
<tr>
<td>Cybernetic Micro Systems</td>
<td>NMOS</td>
<td>CY500</td>
<td>$95</td>
<td>Controller for stepper motors</td>
<td>User-programmable single-chip controller executes 22 function-oriented commands specified by single letters</td>
</tr>
<tr>
<td>Power Products</td>
<td></td>
<td>PM600</td>
<td>$29.20 (single)</td>
<td>Low-power DC/DC converters</td>
<td>Series of 14 single- and dual-output models; total power output about 1W; 24-pin DIP</td>
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<tr>
<td>ILC Data Device</td>
<td></td>
<td>DAC-LGT</td>
<td>$595 (units)</td>
<td>12-bit DAC</td>
<td>For severe military/industrial applications; 50 MHz update rate, 50 mA output, 5000 mV-ns maximum glitch energy, ± 0.0125% linearity error</td>
</tr>
<tr>
<td>Signetics</td>
<td></td>
<td>SE521/522F, 883B</td>
<td>$7.20, $15.30</td>
<td>Dual voltage comparators</td>
<td>Military versions feature 12-ns propagation delay; 14-pin packages</td>
</tr>
<tr>
<td>Signetics</td>
<td></td>
<td>Dac-08/833</td>
<td>$9.33-$13.20</td>
<td>8-bit multiplying DAC</td>
<td>Military versions feature 33 mW power consumption; 16-pin DIP</td>
</tr>
<tr>
<td>National NMOS</td>
<td></td>
<td>MM52116, 132, 164</td>
<td>Not stated</td>
<td>Static ROMs</td>
<td>2K x 8, 4K x 8, and 8K x 8; 450-ns access times; 24-lead JEDEC-approved pinouts</td>
</tr>
<tr>
<td>National ECL</td>
<td></td>
<td>DM10414</td>
<td>$10.65</td>
<td>256-bit RAM</td>
<td>Access time is 12 ns maximum, 7 ns typical; 16-pin CerDIP</td>
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<tr>
<td>Intersil VMOS</td>
<td></td>
<td>INV5000</td>
<td>$1.03-$6.95</td>
<td>FETs</td>
<td>Rated at 2.5 ohm ON resistance; available in TO-52/237 packages</td>
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<tr>
<td>Intersil VMOS</td>
<td></td>
<td></td>
<td>$0.78-$5.81</td>
<td>Power FETs</td>
<td>30 additions to product line are direct replacements for Siliconix devices</td>
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</tbody>
</table>

**Previous Listings**

| TI                  | I2L    | SN76487N, 88N | $1.69, $2.78 | Complex sound generators | Can be used separately or with µP systems; feature audio amplifiers to drive 8-ohm speaker, 16-pin, 28-pin pkg |
| Analogic            |        | MP260, 61     | $39, $49     | S/H amplifiers           | Supports system throughput speeds up to 100 kHz |

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