Datacube single board controller gives your computer 20/20 vision... at a fantastic price. Datacube VG-124 has slashed the cost of high resolution vision processing. When it comes to quality video acquisition and display generation, this new single board subsystem is the most cost effective solution available—anywhere.

The single board VG-124 interfaces directly to a wide variety of monochrome/RGB cameras, video tape recorders, and video disks. It also provides a software-selectable sync source as well as an enhanced DUAL-PHASE-LOCK LOOP.

Ideal for the teleconferencing market, the low-cost VG-124 includes features normally found only in much higher priced units. These include:

- 16 banks of input/output RAM look-up tables
- 640H x 480V x 6 bits per pixel resolution
- One image store or two low resolution images, scroll, 2x vertical zoom, and write protect on all or any 6 bit planes.

All this for under $3,000 in quantity of 100. That’s fantastic! Call or write for full details.

Datacube Incorporated, 4 Dearborn Road, Peabody, MA 01960, Tel: (617) 535-6644.

Readers interested in receiving additional information should circle the appropriate numbers below.

<table>
<thead>
<tr>
<th>Reader interest</th>
<th>206 the Design Automation TC</th>
</tr>
</thead>
<tbody>
<tr>
<td>A Metastable Behavior</td>
<td></td>
</tr>
<tr>
<td>B Top-Down Layout</td>
<td></td>
</tr>
<tr>
<td>C Inverter-Free PLAs</td>
<td></td>
</tr>
<tr>
<td>D Discrete-Event Simulation</td>
<td></td>
</tr>
<tr>
<td>G Scene</td>
<td></td>
</tr>
<tr>
<td>H Standards</td>
<td></td>
</tr>
<tr>
<td>I Industry Briefs</td>
<td></td>
</tr>
<tr>
<td>K Conferences</td>
<td></td>
</tr>
<tr>
<td>L New Products—Design</td>
<td></td>
</tr>
<tr>
<td>M New Products—Test</td>
<td></td>
</tr>
<tr>
<td>P Call for Papers</td>
<td></td>
</tr>
</tbody>
</table>

Product inquiries (circle the numbers for products and advertisers you want more information on)

<table>
<thead>
<tr>
<th>Product inquiries</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1 21 41 61 81 101 121 141 161 181</td>
<td></td>
</tr>
<tr>
<td>2 22 42 62 82 102 122 142 162 182</td>
<td></td>
</tr>
<tr>
<td>3 23 43 63 83 103 123 143 163 183</td>
<td></td>
</tr>
<tr>
<td>4 24 44 64 84 104 124 144 164 184</td>
<td></td>
</tr>
<tr>
<td>5 25 45 65 85 105 125 145 165 185</td>
<td></td>
</tr>
<tr>
<td>6 26 46 66 86 106 126 146 166 186</td>
<td></td>
</tr>
<tr>
<td>7 27 47 67 87 107 127 147 167 187</td>
<td></td>
</tr>
<tr>
<td>8 28 48 68 88 108 128 148 168 188</td>
<td></td>
</tr>
<tr>
<td>9 29 49 69 89 109 129 149 169 189</td>
<td></td>
</tr>
<tr>
<td>10 30 50 70 90 110 130 150 170 190</td>
<td></td>
</tr>
<tr>
<td>11 31 51 71 91 111 131 151 171 191</td>
<td></td>
</tr>
<tr>
<td>12 32 52 72 92 112 132 152 172 192</td>
<td></td>
</tr>
<tr>
<td>13 33 53 73 93 113 133 153 173 193</td>
<td></td>
</tr>
<tr>
<td>14 34 54 74 94 114 134 154 174 194</td>
<td></td>
</tr>
<tr>
<td>15 35 55 75 95 115 135 155 175 195</td>
<td></td>
</tr>
<tr>
<td>16 36 56 76 96 116 136 156 176 196</td>
<td></td>
</tr>
<tr>
<td>17 37 57 77 97 117 137 157 177 197</td>
<td></td>
</tr>
<tr>
<td>18 38 58 78 98 118 138 158 178 198</td>
<td></td>
</tr>
<tr>
<td>19 39 59 79 99 119 139 159 179 199</td>
<td></td>
</tr>
<tr>
<td>20 40 60 80 100 120 140 160 180 200</td>
<td></td>
</tr>
</tbody>
</table>

Stay on the Leading Edge

Yes, sign me up!

If you are a member of the Computer Society or any other IEEE society, pay the member rate of only $20 for six issues. *

Society: ________________________ IEEE membership no.: ________________________

* Society members: Subscriptions are annualized. For orders submitted March-August, pay half the full year fee for three bimonthly issues.

Full Signature ________________________ Date ________

Name ____________________________

Street ____________________________

City ____________________________

State/Country ZIP/Postal Code

Payment enclosed

Charge to Visa MasterCard AmEx

Charge Card Number

Mo. Yr. Charge orders also taken by phone:

(714) 821-8380 8:00 a.m. to 5:00 p.m. Pacific time

Exp. Date

D&T/1287

Yes, sign me up!

If you are a member of a professional technical society, such as ACM or IEEE (but not a member of any IEEE society), pay the society rate of only $29.

Society: ________________________ Mem. no. (if any): ________________________

Blanket Membership Application (206)

Name ____________________________

Address ____________________________

City State ZIP

Yes, sign me up!

If you are a member of a professional technical society, such as ACM or IEEE (but not a member of any IEEE society), pay the society rate of only $29.

Society: ________________________ Mem. no. (if any): ________________________

Blanket Membership Application (206)

Name ____________________________

Address ____________________________

City State ZIP

Yes, sign me up!

If you are a member of a professional technical society, such as ACM or IEEE (but not a member of any IEEE society), pay the society rate of only $29.

Society: ________________________ Mem. no. (if any): ________________________

Blanket Membership Application (206)

Name ____________________________

Address ____________________________

City State ZIP

Yes, sign me up!

If you are a member of a professional technical society, such as ACM or IEEE (but not a member of any IEEE society), pay the society rate of only $29.

Society: ________________________ Mem. no. (if any): ________________________

Blanket Membership Application (206)

Name ____________________________

Address ____________________________

City State ZIP

Yes, sign me up!

If you are a member of a professional technical society, such as ACM or IEEE (but not a member of any IEEE society), pay the society rate of only $29.

Society: ________________________ Mem. no. (if any): ________________________

Blanket Membership Application (206)

Name ____________________________

Address ____________________________

City State ZIP

Yes, sign me up!

If you are a member of a professional technical society, such as ACM or IEEE (but not a member of any IEEE society), pay the society rate of only $29.

Society: ________________________ Mem. no. (if any): ________________________

Blanket Membership Application (206)

Name ____________________________

Address ____________________________

City State ZIP

Yes, sign me up!

If you are a member of a professional technical society, such as ACM or IEEE (but not a member of any IEEE society), pay the society rate of only $29.

Society: ________________________ Mem. no. (if any): ________________________

Blanket Membership Application (206)

Name ____________________________

Address ____________________________

City State ZIP

Yes, sign me up!

If you are a member of a professional technical society, such as ACM or IEEE (but not a member of any IEEE society), pay the society rate of only $29.

Society: ________________________ Mem. no. (if any): ________________________

Blanket Membership Application (206)

Name ____________________________

Address ____________________________

City State ZIP

Yes, sign me up!

If you are a member of a professional technical society, such as ACM or IEEE (but not a member of any IEEE society), pay the society rate of only $29.

Society: ________________________ Mem. no. (if any): ________________________

Blanket Membership Application (206)

Name ____________________________

Address ____________________________

City State ZIP

Yes, sign me up!

If you are a member of a professional technical society, such as ACM or IEEE (but not a member of any IEEE society), pay the society rate of only $29.

Society: ________________________ Mem. no. (if any): ________________________

Blanket Membership Application (206)

Name ____________________________

Address ____________________________

City State ZIP
Datacube single board controller gives your computer 20/20 vision...

at a fantastic price.

Datacube VG-124 has slashed the cost of high resolution vision processing. When it comes to quality video acquisition and display generation, this new single board subsystem is the most cost effective solution available anywhere.

The single board VG-124 interfaces directly to a wide variety of monochrome/RGB cameras, video tape recorders, and video disks. It also provides a software selectable sync source as well as an enhanced DUAL-PHASE-LOCK LOOP

Ideal for the teleconferencing market, the low cost VG-124 includes features normally found only in much higher priced units. These include:

16 banks of input/output RAM look-up tables, 640H x 480V x 6 bits per pixel resolution, one image store or two low resolution images, scroll, 2x vertical zoom and write protect on all or any 6 bit planes.

All this for under $3,000 in quantity of 100. That's fantastic! Call or write for full details.

Datacube Incorporated, 4 Dearborn Road, Peabody, MA 01960, Tel: (617) 535-6644.

For reader service inquiries, use other side