



|    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1  | 352 | 350 | 347 | 344 | 341 | 338 | 335 | 332 | 328 | 324 | 320 | 316 | 312 | 308 | 304 | 300 | 296 | 292 | 289 | 286 | 283 | 280 | 277 | 274 | 271 | 268 | 266 | 265 |
| 2  | 3   | 351 | 348 | 345 | 342 | 339 | 336 | 333 | 329 | 325 | 321 | 317 | 313 | 309 | 305 | 301 | 297 | 293 | 290 | 287 | 284 | 281 | 278 | 275 | 272 | 269 | 267 | 264 |
| 4  | 5   | 6   | 349 | 346 | 343 | 340 | 337 | 334 | 330 | 326 | 322 | 318 | 314 | 310 | 306 | 302 | 298 | 294 | 291 | 288 | 285 | 282 | 279 | 276 | 273 | 270 | 263 | 262 |
| 7  | 8   | 9   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 10 | 11  | 12  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 13 | 14  | 15  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 16 | 17  | 18  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 19 | 20  | 21  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 22 | 23  | 24  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 25 | 26  | 27  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 28 | 29  | 30  | 31  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 32 | 33  | 34  | 35  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 36 | 37  | 38  | 39  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 40 | 41  | 42  | 43  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 44 | 45  | 46  | 47  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 48 | 49  | 50  | 51  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 52 | 53  | 54  | 55  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 56 | 57  | 58  | 59  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 60 | 61  | 62  | 63  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 64 | 65  | 66  | 67  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 68 | 69  | 70  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 71 | 72  | 73  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 74 | 75  | 76  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 77 | 78  | 79  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 80 | 81  | 82  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 83 | 84  | 85  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 86 | 87  | 94  | 97  | 100 | 103 | 106 | 109 | 112 | 115 | 118 | 122 | 126 | 130 | 134 | 138 | 142 | 146 | 150 | 154 | 158 | 161 | 164 | 167 | 170 | 173 | 182 | 181 | 180 |
| 88 | 91  | 93  | 96  | 99  | 102 | 105 | 108 | 111 | 114 | 117 | 121 | 125 | 129 | 133 | 137 | 141 | 145 | 149 | 153 | 157 | 160 | 163 | 166 | 169 | 172 | 175 | 179 | 178 |
| 89 | 90  | 92  | 95  | 98  | 101 | 104 | 107 | 110 | 113 | 116 | 120 | 124 | 128 | 132 | 136 | 140 | 144 | 148 | 152 | 156 | 159 | 162 | 165 | 168 | 171 | 174 | 176 | 177 |

**PINMAP**

.012 [0.30mm]  
PAD WIDTH.

LEAD PITCH  
.020 [.508mm]

RECOMMENDED MINIMUM  
PAD LAYOUT

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED



**Emulation Technology, Inc.**  
— VLSI and SMT ADAPTERS and ACCESSORIES —

2344 Walsh Avenue, Bldg. F  
Santa Clara, Ca 95051

TEL:(408)982-0660  
FAX:(408)982-0664

| NO. | ITEM          | DESCRIPTION        | QTY. |
|-----|---------------|--------------------|------|
| 1   | 352-QF71-S-LP | BASE BOARD         | 1    |
| 2   | PINS2         | MOUNT ON TOP OF #1 | 352  |

|                         |                             |                                   |                         |
|-------------------------|-----------------------------|-----------------------------------|-------------------------|
| SHEET:<br>1 OF 1        | DATE:<br>11-02-00           | REVISION:                         | <b>ASSEMBLY DRAWING</b> |
| CHECKED:<br>Paula Olson | DRAWN:<br>Miguel Delgadillo | ITEM:<br>EPP352QF71SM-LP          |                         |
| DO NOT SCALE DRAWING    |                             | DESCRIPTION:<br>EPP-352-QF71-SMLP |                         |