

## SERIES IC51 (CLAMSHELL - TH) - 0.40MM TO 1.27MM QFP, PQFP, TQFP AND MQUAD\*

### SPECIFICATIONS

|                                  |                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------|
| Insulation Resistance:           | 1,000MΩ min. at 500V DC                                                                                |
| Dielectric Withstanding Voltage: | for 1 minute (socket depended)                                                                         |
| Contact Resistance:              | 30mΩ max. at 10mA/20mV max.                                                                            |
| Operating Temperature Range:     | -40°C to +150°C (for type PEI/PSF)<br>-55°C to +170°C (for type PES)<br>-55°C to +170°C (for type PEI) |
| Mating Cycles:                   | 10,000 insertions min.                                                                                 |

### MATERIALS AND FINISH

|           |                                                                                                                 |
|-----------|-----------------------------------------------------------------------------------------------------------------|
| Housing:  | Polysulphone (PSF), glass-filled<br>Polyethersulphone (PES), glass-filled<br>Polyetherimide (PEI), glass-filled |
| Contacts: | Beryllium Copper (BeCu)                                                                                         |
| Plating:  | Gold over Nickel                                                                                                |



### PART NUMBER

IC51 - 064 4 - 807

|                               |   |
|-------------------------------|---|
| Series No.                    | ↑ |
| No. of Contact Pins           | ↑ |
| Number of Sides with Contacts | ↑ |
| Design Number                 | ↑ |

As specifications for this product differ by pitch and material-mix, please contact Yamaichi for detailed information.

## SERIES IC357 AND IC402 (OPEN TOP - TH) - 0.40MM TO 0.65MM QUAD FLAT PACKAGE (QFP) WITH 2-POINT CONTACT TYPE

### SPECIFICATIONS

|                                  |                                           |
|----------------------------------|-------------------------------------------|
| Insulation Resistance:           | 1,000MΩ min. at 100V DC, pitch 0.4 to 0.8 |
| Dielectric Withstanding Voltage: | 100V AC for 1 minute, pitch 0.5 to 0.8    |
| Contact Resistance:              | 30mΩ max. at 10mA/20mV max.               |
| Contact Force:                   | 20g to 70g per pin                        |
| Contact Force Signal Pin:        | 44mN (45g) per pin                        |
| Contact Force Ground Pin:        | 340 ~ 690mN (35 ~ 70gf) per pin           |
| Operating Temperature Range:     | -40°C to +150°C                           |
| Mating Cycles:                   | 10,000 insertions min.                    |

### MATERIALS AND FINISH

|           |                                                                            |
|-----------|----------------------------------------------------------------------------|
| Housing:  | Polyetherimide (PEI), glass-filled<br>Polyethersulphone (PES) glass-filled |
| Contacts: | Beryllium Copper (BeCu)                                                    |
| Plating:  | Gold over Nickel                                                           |



### PART NUMBER

IC357 - 100 4 - 002 - \*

|                                                                             |   |
|-----------------------------------------------------------------------------|---|
| Series No.                                                                  | ↑ |
| No. of Contact Pins                                                         | ↑ |
| Number of Sides with Contacts                                               | ↑ |
| Design Number                                                               | ↑ |
| Positioning Pin:<br>N = Without Positioning Pin<br>P = With Positioning Pin | ↑ |

### FEATURES FOR IC357 WITH GROUND PIN

- Suitable for QFP up to 180°C
- 0.40 to 0.65mm pitch, 1 central GND + 4 signal pins for ePad contact
- Suitable for package leads with limited plating (μ-PPF)

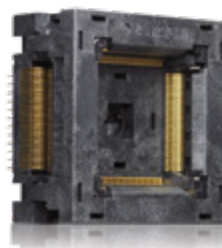
## SERIES IC234 (OPEN TOP - TH) - 0.4MM TO 0.8MM QUAD FLAT PACKAGE (QFP) WITH SHOULDER CONTACT TYPE

### SPECIFICATIONS

|                                  |                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------|
| Insulation Resistance:           | 1,000MΩ min. at 100V DC pitch 0.4, 0.5<br>1,000MΩ min. at 500V DC pitch 0.65, 0.8                        |
| Dielectric Withstanding Voltage: | 100V AC for 1 minute pitch 0.4, 0.5<br>500V AC for 1 minute pitch 0.65<br>700V AC for 1 minute pitch 0.8 |
| Contact Resistance:              | 30mΩ max. at 10mA/20mV max.                                                                              |
| Operating Temperature Range:     | -40°C to +150°C                                                                                          |
| Contact Force:                   | 20g to 80g per pin                                                                                       |
| Mating Cycles:                   | 10,000 insertions min.                                                                                   |

### MATERIALS AND FINISH

|           |                                                                            |
|-----------|----------------------------------------------------------------------------|
| Housing:  | Polyetherimide (PEI), glass-filled<br>Polyethersulphone (PES) glass-filled |
| Contacts: | Beryllium Copper (BeCu)                                                    |
| Plating:  | Gold over Nickel                                                           |



### PART NUMBER

IC234 - 120 4 - 017 - \*

|                                                                                                     |   |
|-----------------------------------------------------------------------------------------------------|---|
| Series No.                                                                                          | ↑ |
| No. of Contact Pins                                                                                 | ↑ |
| Number of Sides with Contacts                                                                       | ↑ |
| Design Number                                                                                       | ↑ |
| Positioning Pin:<br>N = Without Positioning Pin<br>P = With Positioning Pin<br>K = Protection Key** | ↑ |

\*\* Protection Key: Prevents IC from releasing during transportation

## SERIES IC200 / IC201 / IC217 / IC218 / IC248 (OPEN TOP - TH) - 0.40MM TO 0.80MM QUAD FLAT PACKAGES (QFP)

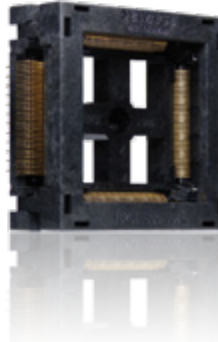
### SPECIFICATIONS

|                                  |                                                       |
|----------------------------------|-------------------------------------------------------|
| Insulation Resistance:           | 1,000MΩ min. at 500V DC or<br>1,000MΩ min. at 100V DC |
| Dielectric Withstanding Voltage: | 100/500/700V AC for 1 minute                          |
| Contact Resistance:              | 30mΩ max. at 10mA/20mV max.                           |
| Operating Temperature Range:     | -40°C to +170°C and -40°C to +150°C                   |
| Contact Force:                   | 20g to 80g per pin                                    |
| Mating Cycles:                   | 10,000 insertions min.                                |

The information above is typical for this Series  
for individual specifications please contact Yamaichi

### MATERIALS AND FINISH

|           |                                                                                |
|-----------|--------------------------------------------------------------------------------|
| Housing:  | Polyetherimide (PEI), glass-filled<br>Polyphenylenesulfide (PPS), glass-filled |
| Contacts: | Beryllium Copper (BeCu)                                                        |
| Plating:  | Gold over Nickel                                                               |



### PART NUMBER

|                                   |       |
|-----------------------------------|-------|
| Series No.                        | IC200 |
| No. of Contact Pins               | 128   |
| Number of Sides with Contacts     | 4     |
| Design Number                     | 001   |
| Positioning Pin:                  |       |
| N = Without Positioning Pin       |       |
| P = With Positioning Pin          |       |
| Protection Key**                  |       |
| K = With Protection Key           |       |
| Unmarked = Without Protection Key |       |

\*\* Protection Key: Prevents IC from releasing during transportation

## SERIES IC500 (OPEN TOP - TH) - 0.50MM TO 0.65MM QUAD FLAT PACKAGE (QFP) WITH 2-POINT CONTACT TYPE

### SPECIFICATIONS

|                                  |                                                                                                     |
|----------------------------------|-----------------------------------------------------------------------------------------------------|
| Insulation Resistance:           | 1,000MΩ min. at 100V DC pitch 0.5<br>1,000MΩ min. at 500V DC pitch 0.65, 0.8                        |
| Dielectric Withstanding Voltage: | 100V AC for 1 minute pitch 0.5<br>500V AC for 1 minute pitch 0.65<br>700V AC for 1 minute pitch 0.8 |
| Contact Resistance:              | 30mΩ max. at 10mA/20mV max.                                                                         |
| Operating Temperature Range:     | -40°C to +150°C                                                                                     |
| Contact Force:                   | 20g to 80g per pin                                                                                  |
| Mating Cycles:                   | 10,000 insertions min.                                                                              |

### MATERIALS AND FINISH

|           |                                                                            |
|-----------|----------------------------------------------------------------------------|
| Housing:  | Polyetherimide (PEI), glass-filled<br>Polyethersulphone (PES) glass-filled |
| Contacts: | Beryllium Copper (BeCu)                                                    |
| Plating:  | Gold over Nickel                                                           |



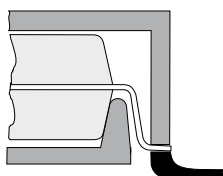
### PART NUMBER

|                               |       |
|-------------------------------|-------|
| Series No.                    | IC500 |
| No. of Contact Pins           | 064   |
| Number of Sides with Contacts | 4     |
| Design Number                 | 008   |
| Positioning Pin:              |       |
| N = Without Positioning Pin   |       |
| P = With Positioning Pin      |       |
| K = Protection Key**          |       |

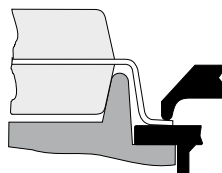
\*\* Protection Key: Prevents IC from releasing during transportation

INFO: Various types with movable GND pin options available

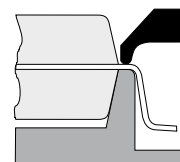
### CONTACT STYLES



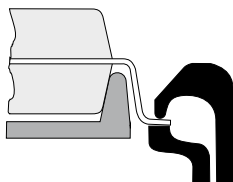
SERIES IC51



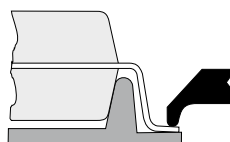
SERIES IC357 / IC402



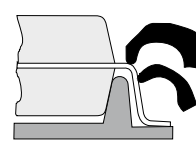
SERIES IC234



SERIES IC (KELVIN)

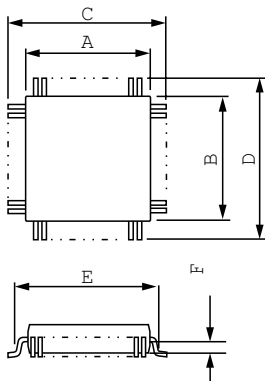
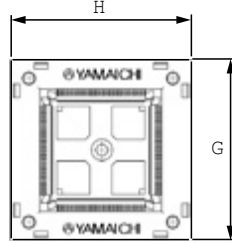
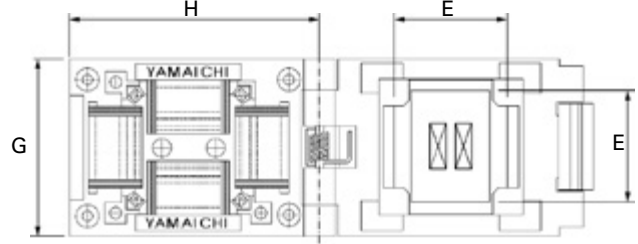


SERIES IC2\*\*



SERIES IC500

\*QFP variations e.g. BQFP...

**Outline IC Package Dimensions**

**Outline Open Top Socket Dimensions**

**Outline Clamshell Socket Dimensions**


C L = Clamshell, OT = Open Top

**0.40MM PITCH**

| Part Number        | Pin Count | IC Body<br>A x B | IC<br>Tip-to-Tip<br>C x D | Parallel Clamp<br>E | Ø GND<br>Pin Hole | 1/2 IC Height<br>F | Socket Dim.<br>G x H | Type |
|--------------------|-----------|------------------|---------------------------|---------------------|-------------------|--------------------|----------------------|------|
| IC357-0804-134*    | 56        | 10.0 x 10.0      | 12.0 x 12.0               | -                   | 2.0               | 0.4275             | 22.0 x 22.0          | OT   |
| IC51-0644-1972     | 64        | 7.0 x 7.0        | 9.0 x 9.0                 | 8.25                | -                 | -                  | 35.0 x 32.0          | OT   |
| IC234-0804-055-P-2 | 80        | 10.0 x 10.0      | 12.0 x 12.0               | -                   | -                 | 0.7375             | 30.0 x 30.0          | OT   |
| IC234-1004-045-*   | 100       | 12.0 x 12.0      | 14.0 x 14.0               | -                   | -                 | 0.56               | 35.0 x 32.0          | OT   |
| IC357-1004-135*    | 100       | 12.0 x 12.0      | 14.0 x 14.0               | -                   | 3.0               | 0.4275             | 24.0 x 24.0          | OT   |
| IC51-1004-1919-*   | 100       | 12.0 x 12.0      | 14.0 x 14.0               | 13.30               | -                 | -                  | 36.0 x 42.5          | CL   |
| IC234-1204-022-*   | 120       | 14.0 x 14.0      | 16.0 x 16.0               | -                   | -                 | 0.762              | 34.0 x 34.0          | OT   |
| IC51-1204-1596     | 120       | 14.0 x 14.0      | 16.0 x 16.0               | 15.35               | -                 | -                  | 36.0 x 42.5          | CL   |
| IC51-1204-1812     | 120       | 14.0 x 14.0      | 16.0 x 16.0               | -                   | -                 | -                  | 36.0 x 42.5          | CL   |
| IC234-1284-043*-*  | 128       | 14.0 x 14.0      | 16.0 x 16.0               | -                   | -                 | 0.56               | 34.0 x 34.0          | OT   |
| IC357-1284-056P    | 128       | 14.0 x 14.0      | 16.0 x 16.0               | -                   | -                 | 0.65               | 34.0 x 34.0          | OT   |
| IC357-1284-076P    | 128       | 14.0 x 14.0      | 16.0 x 16.0               | -                   | -                 | 0.45               | 34.0 x 34.0          | OT   |
| IC51-1284-1702-*   | 128       | 14.0 x 14.0      | 16.0 x 16.0               | 15.40               | -                 | -                  | 36.0 x 42.5          | CL   |
| IC51-1284-1788     | 128       | 14.0 x 14.0      | 16.0 x 16.0               | 15.30               | -                 | 0.70               | 39.0 x 42.5          | CL   |
| IC234-1444-053P-2  | 144       | 16.0 x 16.0      | 18.0 x 18.0               | -                   | -                 | 0.54               | 36.0 x 36.0          | OT   |
| IC357-1444-131*-*  | 144       | 16.0 x 16.0      | 18.0 x 18.0               | -                   | 3.5               | 0.4275             | 28.0 x 28.0          | OT   |
| QFP11T144-001      | 144       | 16.0 x 16.0      | 18.0 x 18.0               | 17.20               | -                 | -                  | 39.0 x 42.5          | CL   |
| IC357-1564-150*-*  | 156       | 14.0 x 20.0      | 22.0 x 16.0               | -                   | 3.5               | 0.6275             | 38.0 x 32.0          | OT   |
| IC234-1564-038P-2  | 156       | 14.0 x 14.0      | 16.0 x 16.0               | -                   | -                 | 0.76               | 38.0 x 44.0          | OT   |
| IC234-1764-059P    | 176       | 20.0 x 20.0      | 22.0 x 22.0               | -                   | -                 | 0.67               | 40.0 x 40.0          | OT   |
| IC51-1764-1995     | 176       | 14.0 x 20.0      | 22.0 x 22.0               | 21.30               | -                 | -                  | 46.0 x 50.0          | CL   |
| IC51-1764-1995-6   | 176       | 20.0 x 20.0      | 22.0 x 22.0               | 21.20               | -                 | -                  | 46.0 x 50.0          | CL   |
| IC234-2164-050-*   | 216       | 20.0 x 20.0      | 26.0 x 26.0               | -                   | -                 | 0.67               | 44.0 x 44.0          | OT   |
| IC234-2164-066     | 216       | 20.0 x 20.0      | 26.0 x 26.0               | -                   | -                 | 0.67               | 44.0 x 44.0          | OT   |
| IC51-2164-1887-*   | 216       | 24.0 x 24.0      | 26.0 x 26.0               | 25.30               | -                 | -                  | 50.0 x 48.0          | CL   |
| IC234-2564-078-*   | 256       | 24.0 x 24.0      | 30.0 x 30.0               | -                   | -                 | 0.67               | 48.0 x 48.0          | OT   |
| IC51-2564-1668     | 256       | 28.0 x 28.0      | 31.2 x 31.2               | 30.00               | -                 | -                  | 56.0 x 62.0          | CL   |
| IC51-2564-1668-10  | 256       | 28.0 x 28.0      | 30.0 x 30.0               | 29.40               | -                 | -                  | 56.0 x 62.0          | CL   |
| IC51-2564-1668-6   | 256       | 27.2 x 27.2      | 29.8 x 29.8               | 30.00               | -                 | -                  | 56.0 x 62.0          | CL   |
| IC51-2564-1668-8   | 256       | 28.0 x 28.0      | 30.6 x 30.6               | 30.00               | -                 | -                  | 56.0 x 62.0          | CL   |

**0.50MM PITCH**

| Part Number       | Pin Count | IC Body<br>A x B | IC<br>Tip-to-Tip<br>C x D | Parallel Clamp<br>E | Ø GND<br>Pin Hole | 1/2 IC Height<br>F | Socket Dim.<br>G x H | Type |
|-------------------|-----------|------------------|---------------------------|---------------------|-------------------|--------------------|----------------------|------|
| IC51-0324-805-*   | 32        | 5.0 x 5.0        | 7.0 x 7.0                 | 6.20                | -                 | -                  | 28.0 x 31.0          | CL   |
| IC357-0484-143*-* | 48        | 7.0 x 7.0        | 9.0 x 9.0                 | -                   | 1.2               | 0.6135             | 25.0 x 25.0          | OT   |
| IC234-0484-034-*  | 48        | 7.0 x 7.0        | 9.0 x 9.0                 | -                   | -                 | 0.47               | 26.6 x 26.6          | OT   |
| IC234-0484-039-*  | 48        | 7.0 x 7.0        | 9.0 x 9.0                 | -                   | -                 | 0.74               | 26.6 x 26.6          | OT   |
| IC357-0484-078    | 48        | 7.0 x 7.0        | 9.0 x 9.0                 | -                   | -                 | 0.45               | 22.0 x 22.0          | OT   |
| IC51-0484-806-*   | 48        | 7.0 x 7.0        | 9.0 x 9.0                 | 8.20                | -                 | -                  | 29.0 x 32.0          | CL   |
| IC201-0644-003    | 64        | 10.0 x 10.0      | 12.0 x 12.0               | -                   | -                 | 0.70               | 30.0 x 36.0          | OT   |
| IC201-0644-040    | 64        | 10.0 x 10.0      | 12.0 x 12.0               | -                   | -                 | 0.67               | 28.7 x 28.7          | OT   |
| IC234-0644-027-*  | 64        | 10.0 x 10.0      | 12.0 x 12.0               | -                   | -                 | 0.66               | 29.6 x 29.6          | OT   |
| IC234-0644-122-*  | 64        | 10.0 x 10.0      | 12.0 x 12.0               | -                   | -                 | 0.66               | 29.6 x 29.6          | OT   |

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## O.50MM PITCH (CONT'D)

| Part Number        | Pin Count | IC Body A x B | IC Tip-to-Tip C x D | Parallel Clamp E | Ø GND Pin Hole | 1/2 IC Height F | Socket Dim. G x H | Type |
|--------------------|-----------|---------------|---------------------|------------------|----------------|-----------------|-------------------|------|
| IC357-0644-06***   | 64        | 10.0 x 10.0   | 12.0 x 12.0         | -                | -              | 0.6375          | 26.2 x 26.2       | OT   |
| IC500-0644-008P    | 64        | 10.0 x 10.0   | 12.0 x 12.0         | -                | -              | 0.67            | 29.6 x 29.6       | OT   |
| IC357-1644-126*    | 64        | 10.0 x 10.0   | 12.0 x 12.0         | -                | 3.0            | 0.7125          | 27.9 x 27.9       | OT   |
| IC51-0644-807*     | 64        | 10.0 x 10.0   | 12.0 x 12.0         | 11.30            | -              | -               | 32.0 x 35.0       | CL   |
| IC357-084-128*-*   | 80        | 12.0 x 12.0   | 14.0 x 14.0         | -                | 3.0            | 0.6375          | 29.0 x 29.0       | OT   |
| IC201-0804-014     | 80        | 12.0 x 12.0   | 14.0 x 14.0         | -                | -              | 0.62            | 29.0 x 29.0       | OT   |
| IC234-0804-011*-*  | 80        | 12.0 x 12.0   | 14.0 x 14.0         | -                | -              | 0.45            | 29.0 x 29.0       | OT   |
| IC234-0804-026*-*  | 80        | 12.0 x 12.0   | 14.0 x 14.0         | -                | -              | 0.67            | 31.6 x 31.6       | OT   |
| IC357-0804-074P-1  | 80        | 12.0 x 12.0   | 14.0 x 14.0         | -                | -              | 0.6375          | 29.0 x 29.0       | OT   |
| IC357-0804-096     | 80        | 12.0 x 12.0   | 14.0 x 14.0         | -                | -              | 0.6375          | 29.0 x 29.0       | OT   |
| IC51-0804-808*     | 80        | 12.0 x 12.0   | 14.0 x 14.0         | 13.30            | -              | -               | 34.0 x 37.0       | CL   |
| IC201-1004-008     | 100       | 14.0 x 14.0   | 16.0 x 16.0         | -                | -              | 0.60            | 32.2 x 31.0       | OT   |
| IC201-1004-043*-*  | 100       | 14.0 x 14.0   | 16.0 x 16.0         | -                | -              | 0.45            | 31.0 x 31.0       | OT   |
| IC234-1004-023*-*  | 100       | 14.0 x 14.0   | 16.0 x 16.0         | -                | -              | 0.67            | 33.6 x 33.6       | OT   |
| IC357-1004-105*-*  | 100       | 14.0 x 14.0   | 16.0 x 16.0         | -                | 4.0            | 0.6250          | 31.9 x 31.9       | OT   |
| IC357-1004-120*-*  | 100       | 14.0 x 14.0   | 16.0 x 16.0         | -                | 2.8            | 0.4275          | 31.9 x 31.9       | OT   |
| IC357-1004-123*-*  | 100       | 14.0 x 14.0   | 16.0 x 16.0         | -                | 3.0            | 0.6250          | 31.9 x 31.9       | OT   |
| IC357-1004-146*-*  | 100       | 14.0 x 14.0   | 16.0 x 16.0         | -                | 2.8            | 0.4270          | 26.0 x 26.0       | OT   |
| IC357-1004-***     | 100       | 14.0 x 14.0   | 16.0 x 16.0         | -                | -              | 0.55            | 31.9 x 31.9       | OT   |
| IC402-1004-002P    | 100       | 14.0 x 20.0   | 16.0 x 22.0         | -                | -              | 0.70            | 29.8 x 23.8       | OT   |
| IC500-1004-004*    | 100       | 14.0 x 14.0   | 16.0 x 16.0         | -                | -              | 0.68            | 33.6 x 33.6       | OT   |
| IC51-1004-809*     | 100       | 14.0 x 14.0   | 16.0 x 16.0         | 15.30            | -              | -               | 39.0 x 39.0       | CL   |
| IC234-1204-058 *   | 120       | 16.0 x 16.0   | 18.0 x 18.0         | -                | -              | 0.67            | 35.6 x 35.6       | OT   |
| IC248-1284-007 *-* | 128       | 14.0 x 20.0   | 16.0 x 22.0         | -                | -              | 0.67            | 37.4 x 43.4       | OT   |
| IC357-1284-033P    | 128       | 14.0 x 20.0   | 22.0 x 22.0         | -                | -              | 1.10            | 31.0 x 37.0       | OT   |
| IC500-1284-009P    | 128       | 14.0 x 20.0   | 16.0 x 22.0         | -                | -              | 0.625           | 33.6 x 39.6       | OT   |
| IC201-1444-026*-2  | 144       | 20.0 x 20.0   | 22.0 x 22.0         | -                | -              | 0.69            | 37.0 x 37.0       | OT   |
| IC357-1444-147*-*  | 144       | 20.0 x 20.0   | 22.0 x 22.0         | -                | 4.0            | 0.4280          | 32.0 x 32.0       | OT   |
| IC201-1444-034*    | 144       | 20.0 x 20.0   | 22.0 x 22.0         | -                | -              | 0.65            | 37.0 x 37.0       | OT   |
| IC234-1444-016*    | 144       | 20.0 x 20.0   | 22.0 x 22.0         | -                | -              | 0.8370          | 37.0 x 37.0       | OT   |
| IC402-1444-003P    | 144       | 20.0 x 20.0   | 22.0 x 22.0         | 21.30            | -              | 0.80            | 30.0 x 30.0       | OT   |
| IC500-1444-002P-2  | 144       | 20.0 x 20.0   | 22.0 x 22.0         | -                | -              | 0.68            | 37.0 x 37.0       | OT   |
| IC51-1444-1354     | 144       | 20.0 x 20.0   | 22.0 x 22.0         | 21.30            | -              | 1.00            | 43.0 x 47.0       | CL   |
| IC51-1604-1350*    | 160       | 24.0 x 24.0   | 26.0 x 26.0         | 25.30            | -              | -               | 46.0 x 50.0       | CL   |
| IC201-1764-033P-2  | 176       | 24.0 x 24.0   | 26.0 x 26.0         | -                | -              | 0.67            | 40.0 x 46.0       | OT   |
| IC357-1764-113*-*  | 176       | 24.0 x 24.0   | 26.0 x 26.0         | -                | 6.0            | 0.6275          | 46.0 x 46.0       | OT   |
| IC234-1764-002*    | 176       | 24.0 x 24.0   | 26.0 x 26.0         | -                | -              | 1.00            | 46.0 x 46.0       | OT   |
| IC234-1764-005*    | 176       | 24.0 x 24.0   | 26.0 x 26.0         | -                | -              | 1.00            | 46.0 x 46.0       | OT   |
| IC234-1764-121*    | 176       | 24.0 x 24.0   | 26.0 x 26.0         | -                | -              | 1.00            | 40.0 x 46.0       | OT   |
| IC357-1764-061P    | 176       | 24.0 x 24.0   | 26.0 x 24.0         | -                | -              | 0.615           | 41.0 x 41.0       | OT   |
| IC357-1764-087     | 176       | 24.0 x 24.0   | 26.0 x 24.0         | -                | -              | 0.735           | 41.0 x 41.0       | OT   |
| IC51-1764-1505     | 176       | 24.0 x 24.0   | 26.0 x 26.0         | 25.30            | -              | 0.90            | 46.0 x 50.0       | CL   |
| IC200-2084-009*-*  | 208       | 28.0 x 28.0   | 31.2 x 31.2         | -                | -              | 1.40            | 51.2 x 52.2       | OT   |
| IC200-2084-010*-*  | 208       | 28.0 x 28.0   | 30.6 x 30.6         | -                | -              | 1.40            | 50.6 x 50.6       | OT   |
| IC201-2084-001     | 208       | 28.0 x 28.0   | 30.0 x 30.0         | -                | -              | 1.50            | 45.0 x 45.0       | OT   |
| IC201-2084-029*    | 208       | 28.0 x 28.0   | 30.6 x 30.6         | -                | -              | 1.67            | 45.6 x 45.6       | OT   |
| IC201-2084-096P    | 208       | 28.0 x 28.0   | 30.0 x 30.0         | -                | -              | 0.55            | 45.0 x 45.0       | OT   |
| IC357-2084-019P-2  | 208       | 28.0 x 28.0   | 30.6 x 30.6         | -                | -              | -               | 45.6 x 45.6       | OT   |
| IC51-2084-1052*    | 208       | 28.0 x 28.0   | -                   | -                | -              | -               | 52.0 x 58.0       | CL   |
| IC51-2084-1509     | 208       | 27.7 x 27.7   | 31.2 x 31.2         | 29.80            | -              | -               | 52.0 x 58.0       | CL   |
| IC51-2084-1566     | 208       | 28.0 x 28.0   | 31.2 x 31.2         | 30.30            | -              | -               | 52.0 x 58.0       | CL   |
| IC217-2404-007 *   | 240       | 32.0 x 32.0   | 34.6 x 34.6         | -                | -              | 1.75            | 56.1 x 56.1       | OT   |
| IC234-2404-030 *   | 240       | 32.0 x 32.0   | 34.6 x 34.6         | -                | -              | 2.06            | 51.6 x 51.6       | OT   |
| IC51-2404-1655-2   | 240       | 32.0 x 32.0   | 34.6 x 34.6         | 33.80            | -              | -               | 56.0 x 62.0       | CL   |
| IC201-2564-002     | 256       | 28.0 x 40.0   | 30.6 x 40.6         | -                | -              | 1.50            | 45.6 x 57.6       | OT   |
| IC51-2724-1727     | 272       | 35.9 x 35.9   | 37.4 x 37.4         | 37.60            | -              | -               | 58.0 x 72.0       | CL   |
| IC201-3044-004     | 304       | 40.0 x 40.0   | 42.6 x 42.6         | -                | -              | 1.50            | 57.6 x 57.6       | OT   |
| IC51-3044-1471-2   | 304       | 39.95 x 39.95 | 42.6 x 42.6         | 41.90            | -              | -               | 66.0 x 72.0       | CL   |
| IC51-3044-1471-5   | 304       | 39.64 x 39.64 | 42.6 x 42.6         | 41.90            | -              | -               | 66.0 x 72.0       | CL   |

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