

KBDID: 475

Description: India - Gujarati (Microsoft)

Status: Registered

National Layout: No

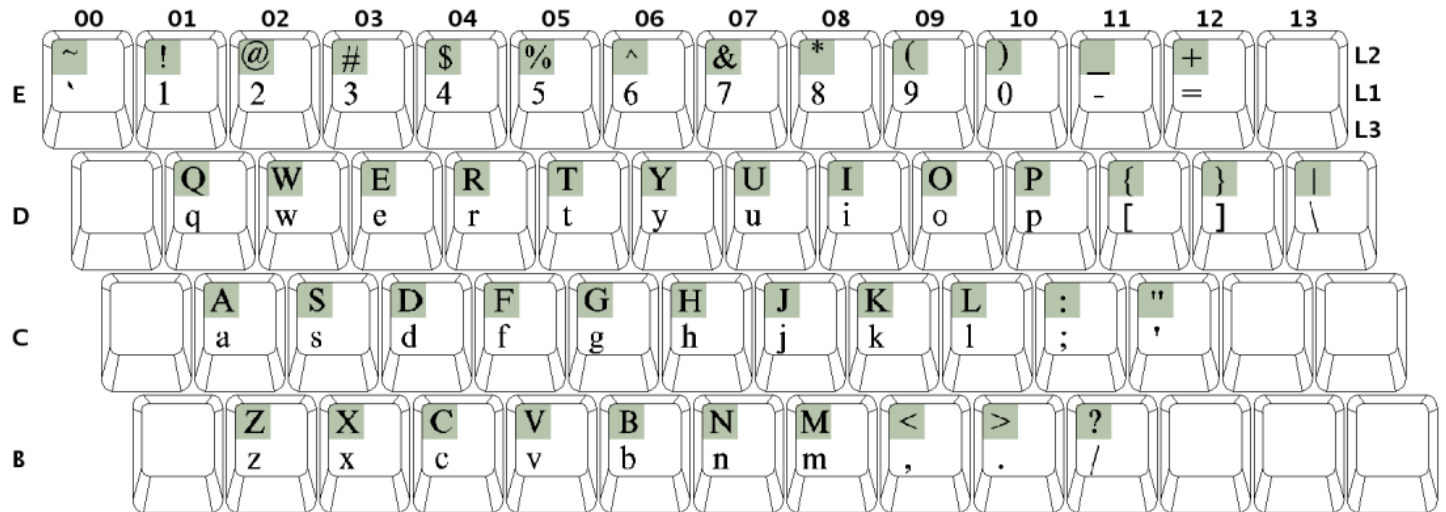
Regions: India

Registration Date: 2003-07-08

Notes:

Required for India.

475_L - India-Gujarati (Latin group)



| GLYPH | ROW | COL | LEVEL | IBM ID | DEAD KEY | NOT ENGRAVED | CHARACTER NAME | UNICODE ID |
|-------|-----|-----|-------|--------|----------|--------------|---------------------------------|------------|
| ~ | E | 00 | L2 | SD19 | | | Tilde Accent | U+007E |
| ` | E | 00 | L1 | SD13 | | | Grave Accent | U+0060 |
| ! | E | 01 | L2 | SP02 | | | Exclamation Point | U+0021 |
| 1 | E | 01 | L1 | ND01 | | | One | U+0031 |
| @ | E | 02 | L2 | SM05 | | | At Sign | U+0040 |
| 2 | E | 02 | L1 | ND02 | | | Two | U+0032 |
| # | E | 03 | L2 | SM01 | | | Number Sign | U+0023 |
| 3 | E | 03 | L1 | ND03 | | | Three | U+0033 |
| \$ | E | 04 | L2 | SC03 | | | Dollar Sign | U+0024 |
| 4 | E | 04 | L1 | ND04 | | | Four | U+0034 |
| % | E | 05 | L2 | SM02 | | | Percent Sign | U+0025 |
| 5 | E | 05 | L1 | ND05 | | | Five | U+0035 |
| ^ | E | 06 | L2 | SD15 | | | Circumflex Accent | U+005E |
| 6 | E | 06 | L1 | ND06 | | | Six | U+0036 |
| & | E | 07 | L2 | SM03 | | | Ampersand | U+0026 |
| 7 | E | 07 | L1 | ND07 | | | Seven | U+0037 |
| * | E | 08 | L2 | SM04 | | | Asterisk | U+002A |
| 8 | E | 08 | L1 | ND08 | | | Eight | U+0038 |
| (| E | 09 | L2 | SP06 | | | Left Parenthesis | U+0028 |
| 9 | E | 09 | L1 | ND09 | | | Nine | U+0039 |
|) | E | 10 | L2 | SP07 | | | Right Parenthesis | U+0029 |
| 0 | E | 10 | L1 | ND10 | | | Zero | U+0030 |
| _ | E | 11 | L2 | SP09 | | | Underline/Continuous Underscore | U+005F |
| - | E | 11 | L1 | SP10 | | | Hyphen/Minus Sign | U+002D |

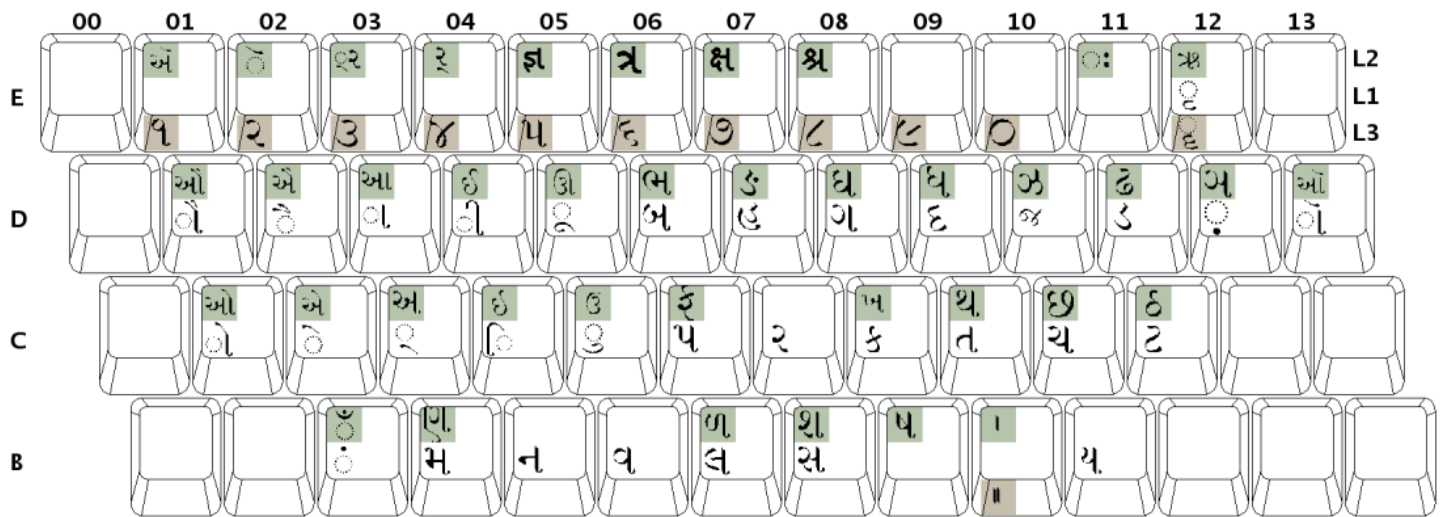
| | | | | | | | | |
|---|---|----|----|------|--|--|--------------------------|--------|
| + | E | 12 | L2 | SA01 | | | Plus Sign | U+002B |
| = | E | 12 | L1 | SA04 | | | Equal Sign | U+003D |
| Q | D | 01 | L2 | LQ02 | | | Q Capital | U+0051 |
| q | D | 01 | L1 | LQ01 | | | q Small | U+0071 |
| W | D | 02 | L2 | LW02 | | | W Capital | U+0057 |
| w | D | 02 | L1 | LW01 | | | w Small | U+0077 |
| E | D | 03 | L2 | LE02 | | | E Capital | U+0045 |
| e | D | 03 | L1 | LE01 | | | e Small | U+0065 |
| R | D | 04 | L2 | LR02 | | | R Capital | U+0052 |
| r | D | 04 | L1 | LR01 | | | r Small | U+0072 |
| T | D | 05 | L2 | LT02 | | | T Capital | U+0054 |
| t | D | 05 | L1 | LT01 | | | t Small | U+0074 |
| Y | D | 06 | L2 | LY02 | | | Y Capital | U+0059 |
| y | D | 06 | L1 | LY01 | | | y Small | U+0079 |
| U | D | 07 | L2 | LU02 | | | U Capital | U+0055 |
| u | D | 07 | L1 | LU01 | | | u Small | U+0075 |
| I | D | 08 | L2 | LI02 | | | I Capital | U+0049 |
| i | D | 08 | L1 | LI01 | | | i Small | U+0069 |
| O | D | 09 | L2 | LO02 | | | O Capital | U+004F |
| o | D | 09 | L1 | LO01 | | | o Small | U+006F |
| P | D | 10 | L2 | LP02 | | | P Capital | U+0050 |
| p | D | 10 | L1 | LP01 | | | p Small | U+0070 |
| { | D | 11 | L2 | SM11 | | | Left Brace | U+007B |
| [| D | 11 | L1 | SM06 | | | Left Bracket | U+005B |
| } | D | 12 | L2 | SM14 | | | Right Brace | U+007D |
|] | D | 12 | L1 | SM08 | | | Right Bracket | U+005D |
| | D | 13 | L2 | SM13 | | | Vertical Line/Logical OR | U+007C |
| \ | D | 13 | L1 | SM07 | | | Backslash | U+005C |
| A | C | 01 | L2 | LA02 | | | A Capital | U+0041 |
| a | C | 01 | L1 | LA01 | | | a Small | U+0061 |
| S | C | 02 | L2 | LS02 | | | S Capital | U+0053 |
| s | C | 02 | L1 | LS01 | | | s Small | U+0073 |
| D | C | 03 | L2 | LD02 | | | D Capital | U+0044 |
| d | C | 03 | L1 | LD01 | | | d Small | U+0064 |
| F | C | 04 | L2 | LF02 | | | F Capital | U+0046 |
| f | C | 04 | L1 | LF01 | | | f Small | U+0066 |
| G | C | 05 | L2 | LG02 | | | G Capital | U+0047 |
| g | C | 05 | L1 | LG01 | | | g Small | U+0067 |
| H | C | 06 | L2 | LH02 | | | H Capital | U+0048 |
| h | C | 06 | L1 | LH01 | | | h Small | U+0068 |
| J | C | 07 | L2 | LJ02 | | | J Capital | U+004A |
| j | C | 07 | L1 | LJ01 | | | j Small | U+006A |
| K | C | 08 | L2 | LK02 | | | K Capital | U+004B |
| k | C | 08 | L1 | LK01 | | | k Small | U+006B |
| L | C | 09 | L2 | LL02 | | | L Capital | U+004C |
| l | C | 09 | L1 | LL01 | | | l Small | U+006C |
| : | C | 10 | L2 | SP13 | | | Colon | U+003A |
| ; | C | 10 | L1 | SP14 | | | Semicolon | U+003B |

| | | | | | | | | |
|---|---|----|----|------|--|--|---|--------|
| " | C | 11 | L2 | SP04 | | | Quotation Marks | U+0022 |
| ' | C | 11 | L1 | SP05 | | | Apostrophe | U+0027 |
| Z | B | 01 | L2 | LZ02 | | | Z Capital | U+005A |
| z | B | 01 | L1 | LZ01 | | | z Small | U+007A |
| X | B | 02 | L2 | LX02 | | | X Capital | U+0058 |
| x | B | 02 | L1 | LX01 | | | x Small | U+0078 |
| C | B | 03 | L2 | LC02 | | | C Capital | U+0043 |
| c | B | 03 | L1 | LC01 | | | c Small | U+0063 |
| V | B | 04 | L2 | LV02 | | | V Capital | U+0056 |
| v | B | 04 | L1 | LV01 | | | v Small | U+0076 |
| B | B | 05 | L2 | LB02 | | | B Capital | U+0042 |
| b | B | 05 | L1 | LB01 | | | b Small | U+0062 |
| N | B | 06 | L2 | LN02 | | | N Capital | U+004E |
| n | B | 06 | L1 | LN01 | | | n Small | U+006E |
| M | B | 07 | L2 | LM02 | | | M Capital | U+004D |
| m | B | 07 | L1 | LM01 | | | m Small | U+006D |
| < | B | 08 | L2 | SA03 | | | Less Than Sign/Greater Than Sign (Arabic) | U+003C |
| , | B | 08 | L1 | SP08 | | | Comma | U+002C |
| > | B | 09 | L2 | SA05 | | | Greater Than Sign/Less Than Sign (Arabic) | U+003E |
| . | B | 09 | L1 | SP11 | | | Period/Full Stop | U+002E |
| ? | B | 10 | L2 | SP15 | | | Question Mark | U+003F |
| / | B | 10 | L1 | SP12 | | | Slash | U+002F |

Notes:

The Latin group is identical to that specified in the Indian Standard ISCII-91.

475_G - India-Gujarati (MS for Win-XP)



| GLYPH | ROW | COL | LEVEL | IBM ID | DEAD KEY | NOT ENGRAVED | CHARACTER NAME | UNICODE ID |
|-------|-----|-----|-------|----------|----------|--------------|---|------------|
| એ | E | 01 | L2 | U0000A8D | | | GUJARATI VOWEL CANDRA E | U+0A8D |
| ૧ | E | 01 | L3 | U0000AE7 | | | GUJARATI DIGIT ONE | U+0AE7 |
| ૦ | E | 02 | L2 | U0000AC5 | | | GUJARATI VOWEL SIGN CANDRA | U+0AC5 |
| ૨ | E | 02 | L3 | U0000AE8 | | | GUJARATI DIGIT TWO | U+0AE8 |
| ૨૨ | E | 03 | L2 | U0FC003B | | | Gujarati Composite VIRAMA (U+0ACD) + RA (U+0AB0) - MS specs | |
| ૩ | E | 03 | L3 | U0000AE9 | | | GUJARATI DIGIT THREE | U+0AE9 |
| ૨૨ | E | 04 | L2 | U0FC003C | | | Gujarati Composite RA (U+0AB0) + VIRAMA (U+0ACD) - MS specs | |
| ૪ | E | 04 | L3 | U0000AEA | | | GUJARATI DIGIT FOUR | U+0AEA |
| જા | E | 05 | L2 | U0FC0037 | | | GUJARATI Composite JA (U+0A9C) + VIRAMA (U+0ACD) + NYA (U+0A9E) | |
| ૫ | E | 05 | L3 | U0000AEB | | | GUJARATI DIGIT FIVE | U+0AEB |
| ત્ર | E | 06 | L2 | U0FC0038 | | | GUJARATI Composite TA (U+0AA4) + VIRAMA (U+0ACD) + RA (U+0AB0) | |
| ૬ | E | 06 | L3 | U0000AEC | | | GUJARATI DIGIT SIX | U+0AEC |
| ક્ષ | E | 07 | L2 | U0FC0039 | | | GUJARATI Composite KA (U+0A95) + VIRAMA (U+0ACD) + SSA (U+0AB7) | |
| ૭ | E | 07 | L3 | U0000AED | | | GUJARATI DIGIT SEVEN | U+0AED |
| શ્ર | E | 08 | L2 | U0FC003A | | | GUJARATI Composite SHA (U+0AB6) + VIRAMA (U+0ACD) + RA (U+0AB0) | |
| ૮ | E | 08 | L3 | U0000AEE | | | GUJARATI DIGIT EIGHT | U+0AEE |
| ૯ | E | 09 | L3 | U0000AEF | | | GUJARATI DIGIT NINE | U+0AEF |
| ૦ | E | 10 | L3 | U0000AE6 | | | GUJARATI DIGIT ZERO | U+0AE6 |
| ઃ | E | 11 | L2 | U0000A83 | | | GUJARATI SIGN VISARGA | U+0A83 |
| ઋ | E | 12 | L2 | U0000A8B | | | GUJARATI LETTER VOCALIC R | U+0A8B |
| ૠ | E | 12 | L1 | U0000AC3 | | | GUJARATI VOWEL SIGN VOCALIC R | U+0AC3 |
| ૡ | E | 12 | L3 | U0000AC4 | | | GUJARATI VOWEL SIGN VOCALIC RR | U+0AC4 |
| ઑ | D | 01 | L2 | U0000A94 | | | GUJARATI LETTER AU | U+0A94 |
| ૢ | D | 01 | L1 | U0000ACC | | | GUJARATI VOWEL SIGN AU | U+0ACC |
| ઐ | D | 02 | L2 | U0000A90 | | | GUJARATI LETTER AI | U+0A90 |
| ૣ | D | 02 | L1 | U0000AC8 | | | GUJARATI VOWEL SIGN AI | U+0AC8 |
| ઠ | D | 03 | L2 | U0000A86 | | | GUJARATI LETTER AA | U+0A86 |
| ૤ | D | 03 | L1 | U0000ABE | | | GUJARATI VOWEL SIGN AA | U+0ABE |
| ઈ | D | 04 | L2 | U0000A88 | | | GUJARATI LETTER II | U+0A88 |
| ૥ | D | 04 | L1 | U0000AC0 | | | GUJARATI VOWEL SIGN II | U+0AC0 |
| ઊ | D | 05 | L2 | U0000A8A | | | GUJARATI LETTER UU | U+0A8A |

| | | | | | | | | |
|----|---|----|----|--------------|--|--|------------------------------|--------|
| ઁ | D | 05 | L1 | U0000AC2 | | | GUJARATI VOWEL SIGN UU | U+0AC2 |
| ઢ | D | 06 | L2 | U0000AA D | | | GUJARATI LETTER BHA | U+0AAD |
| ઢ | D | 06 | L1 | U0000AA C | | | GUJARATI LETTER BA | U+0AAC |
| ઙ | D | 07 | L2 | U0000A99 | | | GUJARATI LETTER NGA | U+0A99 |
| ઙ | D | 07 | L1 | U0000AB9 | | | GUJARATI LETTER HA | U+0AB9 |
| ઞ | D | 08 | L2 | U0000A98 | | | GUJARATI LETTER GHA | U+0A98 |
| ઞ | D | 08 | L1 | U0000A97 | | | GUJARATI LETTER GA | U+0A97 |
| ઠ | D | 09 | L2 | U0000AA7 | | | GUJARATI LETTER DHA | U+0AA7 |
| ઠ | D | 09 | L1 | U0000AA6 | | | GUJARATI LETTER DA | U+0AA6 |
| ઝ | D | 10 | L2 | U0000A9D | | | GUJARATI LETTER JHA | U+0A9D |
| ઝ | D | 10 | L1 | U0000A9C | | | GUJARATI LETTER JA | U+0A9C |
| ઢ | D | 11 | L2 | U0000AA2 | | | GUJARATI LETTER DDHA | U+0AA2 |
| ઢ | D | 11 | L1 | U0000AA1 | | | GUJARATI LETTER DDA | U+0AA1 |
| ઞ | D | 12 | L2 | U0000A9E | | | GUJARATI LETTER NYA | U+0A9E |
| ◌̣ | D | 12 | L1 | U0000ABC | | | GUJARATI SIGN NUKTA | U+0ABC |
| ઠ | D | 13 | L2 | U0000A91 | | | GUJARATI VOWEL CANDRA O | U+0A91 |
| ઠ | D | 13 | L1 | U0000AC9 | | | GUJARATI VOWEL SIGN CANDRA O | U+0AC9 |
| ઠ | C | 01 | L2 | U0000A93 | | | GUJARATI LETTER O | U+0A93 |
| ઠ | C | 01 | L1 | U0000ACB | | | GUJARATI VOWEL SIGN O | U+0ACB |
| ઐ | C | 02 | L2 | U0000A8F | | | GUJARATI LETTER E | U+0A8F |
| ઐ | C | 02 | L1 | U0000AC7 | | | GUJARATI VOWEL SIGN E | U+0AC7 |
| ઋ | C | 03 | L2 | U0000A85 | | | GUJARATI LETTER A | U+0A85 |
| ઋ | C | 03 | L1 | U0000AC D | | | GUJARATI SIGN HALANT | U+0ACD |
| ઈ | C | 04 | L2 | U0000A87 | | | GUJARATI LETTER I | U+0A87 |
| ઈ | C | 04 | L1 | U0000ABF | | | GUJARATI VOWEL SIGN I | U+0ABF |
| ઉ | C | 05 | L2 | U0000A89 | | | GUJARATI LETTER U | U+0A89 |
| ઉ | C | 05 | L1 | U0000AC1 | | | GUJARATI VOWEL SIGN U | U+0AC1 |
| ફ | C | 06 | L2 | U0000AA B | | | GUJARATI LETTER PHA | U+0AAB |
| ફ | C | 06 | L1 | U0000AA A | | | GUJARATI LETTER PA | U+0AAA |
| ર | C | 07 | L1 | U0000AB0 | | | GUJARATI LETTER RA | U+0AB0 |
| ખ | C | 08 | L2 | U0000A96 | | | GUJARATI LETTER KHA | U+0A96 |
| ક | C | 08 | L1 | U0000A95 | | | GUJARATI LETTER KA | U+0A95 |
| ત | C | 09 | L2 | U0000AA5 | | | GUJARATI LETTER THA | U+0AA5 |
| ત | C | 09 | L1 | U0000AA4 | | | GUJARATI LETTER TA | U+0AA4 |
| છ | C | 10 | L2 | U0000A9B | | | GUJARATI LETTER CHA | U+0A9B |
| છ | C | 10 | L1 | U0000A9A | | | GUJARATI LETTER CA | U+0A9A |
| ટ | C | 11 | L2 | U0000AA0 | | | GUJARATI LETTER TTHA | U+0AA0 |
| ટ | C | 11 | L1 | U0000A9F | | | GUJARATI LETTER TTA | U+0A9F |
| ◌̣ | B | 02 | L2 | U0000A81 | | | GUJARATI SIGN CANDRA BINDU | U+0A81 |
| ◌̣ | B | 02 | L1 | U0000A82 | | | GUJARATI SIGN ANUSVARA | U+0A82 |
| ણ | B | 03 | L2 | U0000AA3 | | | GUJARATI LETTER NNA | U+0AA3 |
| મ | B | 03 | L1 | U0000AAE | | | GUJARATI LETTER MA | U+0AAE |
| ન | B | 04 | L1 | U0000AA8 | | | GUJARATI LETTER NA | U+0AA8 |
| વ | B | 05 | L1 | U0000AB5 | | | GUJARATI LETTER VA | U+0AB5 |
| લ | B | 06 | L2 | U0000AB3 | | | GUJARATI LETTER LLA | U+0AB3 |
| લ | B | 06 | L1 | U0000AB2 | | | GUJARATI LETTER LA | U+0AB2 |
| શ | B | 07 | L2 | U0000AB6 | | | GUJARATI LETTER SHA | U+0AB6 |
| સ | B | 07 | L1 | U0000AB8 | | | GUJARATI LETTER SA | U+0AB8 |

| | | | | | | | | |
|---|---|----|----|----------|--|--|-----------------------------------|--------|
| ૫ | B | 08 | L2 | U0000AB7 | | | GUJARATI LETTER SSA | U+0AB7 |
| । | B | 09 | L2 | U0000964 | | | DEVANAGARI DANDA (VIRAM IN ISCII) | U+0964 |
| ॥ | B | 09 | L3 | U0000965 | | | DEVANAGARI DOUBLE DANDA | U+0965 |
| ૫ | B | 10 | L1 | U0000AAF | | | GUJARATI LETTER YA | U+0AAF |

Notes:

1) KBD475 is based on the Microsoft Gujarati keyboard layout for Windows-XP as documented in the Microsoft Global Development and Computing portal (<http://www.microsoft.com/globaldev/reference/keyboards.aspx>) as of June 2003.

2) The following characters in Row E, Cols 3-8, Level 2 are precomposed of 2 or 3 other characters:

U0FC003B = VIRAMA (U+0ACD) + RA (U+0AB0) - glyph used by MS here is different from that in Inscript

U0FC003C = RA (U+0AB0) + VIRAMA (U+0ACD) - glyph used by MS here is different from that in Inscript

U0FC0037 = JA (U+0A9C) + VIRAMA (U+0ACD) + NYA (U+0A9E)

U0FC0038 = TA (U+0AA4) + VIRAMA (U+0ACD) + RA (U+0AB0)

U0FC0039 = KA (U+0A95) + VIRAMA (U+0ACD) + SSA (U+0AB7)

U0FC003A = SHA (U+0AB6) + VIRAMA (U+0ACD) + RA (U+0AB0)

3) The following UCS characters are not present in this MS-based keyboard:

U+0A8C - Gujarati Letter VOCALIC L

U+0AE1 - Gujarati Letter VOCALIC LL

U+0AE2 - Gujarati Vowel Sign VOCALIC L

U+0AE3 - Gujarati Vowel Sign VOCALIC LL

U+0AF1 - Gujarati RUPEE SIGN

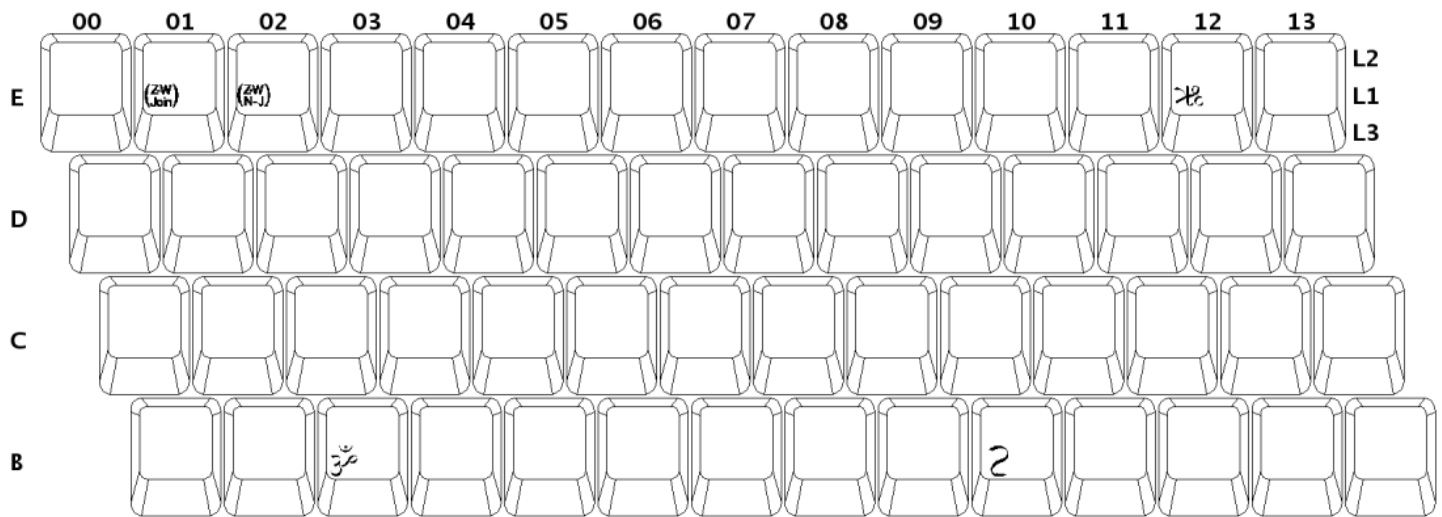
4) Row E, Cols 1-10, Level 3 - Gujarati Digits 1-9 and 0 (U+0AE7 to U+0AEF and U+0AE6) are assigned; no characters are assigned here in Inscript.

5) Row D, Col 13, Level 1 - Gujarati Vowel Sign CANDRA O (U+0AC9) is assigned; no character is assigned here in Inscript.

6) Row D, Col 13, Level 2 - Gujarati Vowel CANDRA O (U+0A91) is assigned; no character is assigned here in Inscript.

7) Row B, Col 9, Level 3 - Devanagari DOUBLE DANDA (U+0965) is assigned; no character is assigned here in Inscript.

475_O - India-Gujarati (MS Overlay)



| GLYPH | ROW | COL | LEVEL | IBM ID | DEAD KEY | NOT ENGRAVED | CHARACTER NAME | UNICODE ID |
|---------------|-----|-----|-------|--------------|----------|--------------|----------------------------|------------|
| (ZW) Join | E | 01 | L1 | U000200D | | | ZERO WIDTH JOINER | |
| (ZW) Non-Join | E | 02 | L1 | U000200C | | | ZERO WIDTH NON-JOINER | |
| ૨૧ | E | 12 | L1 | U0000AE0 | | | GUJARATI LETTER VOCALIC RR | U+0AE0 |
| ૐ | B | 02 | L1 | U0000AD0 | | | GUJARATI OM | U+0AD0 |
| ૨ | B | 09 | L1 | U0000AB D | | | GUJARATI SIGN AVAGRAHA | U+0ABD |

Notes:

1) This layer is reserved for characters defined in two additional keyboard states (layers) that are present in the Microsoft Gujarati keyboard layout for Windows-XP. The 2 states/layers are Shift-AltGr and Shift-Ctrl.

2) Additional Gujarati characters in the Shift-AltGr layer are:

Row E, Col 12 - Gujarati Letter VOCALIC RR (U+0AE0)

Row B, Col 02 - Gujarati OM (U+0AD0)

Row B, Col 09 - Gujarati Sign AVAGRAHA (U+0ABD)

These characters are not present in the Inscript keyboard layout.

3) General punctuation characters in the Shift-Ctrl layer are:

Row E, Col 01 - Zero Width Joiner (U+200D)

Row E, Col 02 - Zero Width Non-joiner (U+200C)

These characters are not present in the Inscript keyboard layout.