MSI GE63 Raider RGB 8RE Keyboard Matrix

| FPC pin's | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
|-----------|--------------------|-----------|--------------------|------------|-----------------|---------------------|-------------|------------|
| 1 | Right Fn-Vol Up | Backspace | Num Lock | KP Slash | F12 Fn-Sleep | KP 7 | semicolon | comma |
| 2 | Left Fn-Vol Dn | Backslash | Caps Lock | KP Asterix | F11 | KP 6 | | Н |
| 3 | Up | | | KP Plus | F9 | KP 8 | quote | Р |
| 4 | Down | | | KP Minus | F10 | KP 9 | | L |
| 5 | 1 | F1 | Insert | F8 | F7 | KP 1 | Equal | 0 |
| 6 | 5 | Delete | 7 | F6 | F5 | KP 0 Fn-Vol Mute | Period | K |
| 7 | RIGHT_ALT | | | | E | | V | LEFT_ALT |
| 8 | RIGHT_SHIFT | С | | | | М | | LEFT_SHIFT |
| 9 | | F | space | | | | G | |
| 10 | RIGHT_CTRL | | Z | Х | | | | LEFT_CTRL |
| 11 | | R | | D | Q | | | |
| 12 | | | S | | W | N | | |
| 13 | | | | Α | | В | Т | |
| 14 | 4 | 0 | 6 | | F4 | KP 2 | Right Brace | i |
| 15 | 3 | 9 | End Fn-Page Dn | | F3 | KP 4 | Minus | J |
| 16 | 2 | 8 | Home Fn-Page Up | Menu | F2 | KP 3 | slash | U |
| 25 | | | GUI | FN | | KP Enter | Enter | |
| 26 | Tab | | KP Period | ~ | esc | KP 5 | Left brace | Υ |