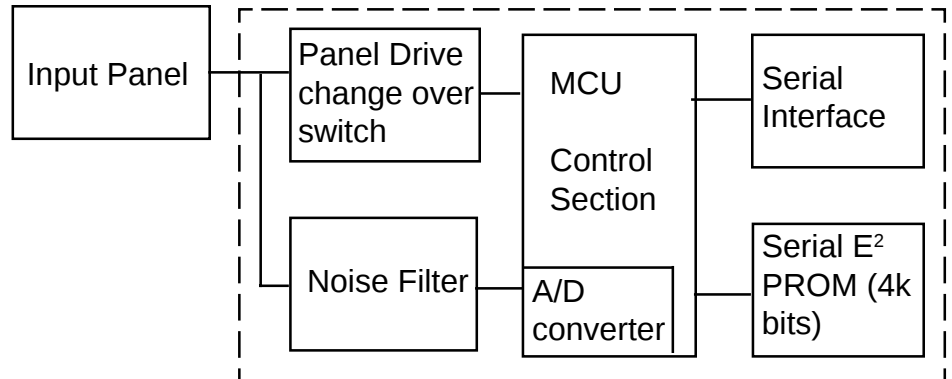


# STANDARD Micro Controller Specification

## N010-0559-V032 Serial Interface Controller Chip

### 4-Wire Series Summary Sheet

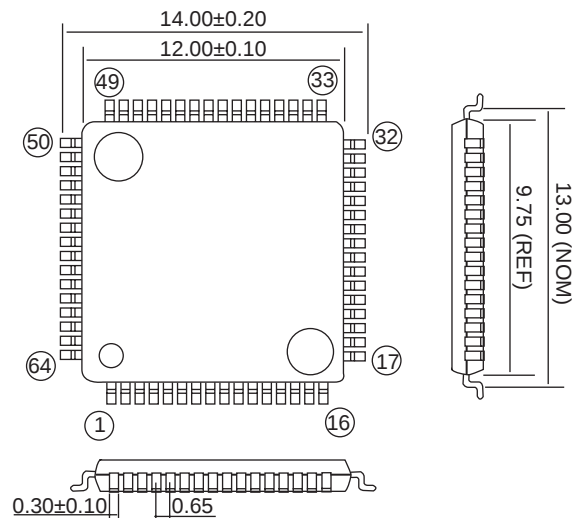


#### ■ FEATURES

- High quality and reliability touch panel micro
- Serial Interface (RS-232)
- Used to control the 4-Wire resistive touch panels

#### ■ CONSTRUCTION

- 64 pin PQFP MCU with masked ROM



|    |        |    |        |    |        |    |        |
|----|--------|----|--------|----|--------|----|--------|
| 1  | Unused | 17 | Unused | 33 | Unused | 49 | Vss    |
| 2  | S/P*   | 18 | Unused | 34 | Unused | 50 | EROMCS |
| 3  | EMSR0  | 19 | *RST   | 35 | Unused | 51 | Unused |
| 4  | EMSR1  | 20 | MOD0   | 36 | Unused | 52 | EROMS1 |
| 5  | EMSR2  | 21 | MOD1   | 37 | Unused | 53 | EROMS0 |
| 6  | EMSR3  | 22 | X0     | 38 | Unused | 54 | EROMCK |
| 7  | Unused | 23 | X1     | 39 | Unused | 55 | RXD    |
| 8  | Unused | 24 | Vss    | 40 | Unused | 56 | Vcc    |
| 9  | Unused | 25 | Unused | 41 | *PSW0  | 57 | TXD    |
| 10 | Unused | 26 | Unused | 42 | Unused | 58 | UCK1   |
| 11 | Avcc   | 27 | Unused | 43 | Unused | 59 | UCK2   |
| 12 | AVR    | 28 | Unused | 44 | Unused | 60 | Unused |
| 13 | Avss   | 29 | PSW4   | 45 | Unused | 61 | Unused |
| 14 | CSEL   | 30 | *PSW3  | 46 | Unused | 62 | Unused |
| 15 | *PINT  | 31 | PSW2   | 47 | Unused | 63 | OS1    |
| 16 | *RXINT | 32 | *PSW1  | 48 | Unused | 64 | OS0    |

# Serial Interface Controller Chip

## ■ PART NUMBER OF COMPLETE CHIP SPECIFICATION

| Part Number    | Number of Pages | Full Technical Documentation Reference |
|----------------|-----------------|----------------------------------------|
| N010-0559-V032 | 34              | Tech Bes I-0017                        |

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