



2020/5/21

| P/N      | I/O | XTAL | OTP <sub>x14</sub> | RAM <sub>x8</sub> |         | LIR | 12-bit ADC | CMP | Ext. INT | LVD | Remarks  | Package                     |
|----------|-----|------|--------------------|-------------------|---------|-----|------------|-----|----------|-----|----------|-----------------------------|
| NY8A050D | 6   | -    | 0.5K               | 32                | -       | -   | -          | -   | 1        | -   | Consumer | SOT23-6, SOP8               |
| NY8A051B | 6   | -    | 1K                 | 48                | 1x8b/1  | -   | -          | -   | 1        | -   | High-EFT | SOT23-6, SOP8, DIP8         |
| NY8A051D | 6   | -    | 1K                 | 48                | 1x8b/1  | -   | -          | -   | 1        | -   | Consumer | SOT23-6, SOP8, DIP8         |
| NY8A051E | 6   | V    | 1K                 | 48                | 1x8b/1  | -   | -          | -   | 1        | -   | Consumer | SOT23-6, SOP8, DIP8         |
| NY8A051F | 6   | -    | 1K                 | 48                | 1x8b/1  | -   | -          | -   | 1        | V   | Consumer | SOT23-6, SOP8, DIP8         |
| NY8A051G | 6   | V    | 1K                 | 48                | 1x8b/1  | -   | -          | -   | 1        | -   | Consumer | SOT23-6, SOP8               |
| NY8A053B | 12  | V    | 1K                 | 64                | 1x8b/1  | V   | -          | -   | 1        | -   | High-EFT | SOP14, DIP14                |
| NY8A053D | 12  | V    | 1K                 | 64                | 1x8b/1  | -   | -          | -   | 1        | -   | Consumer | SOP8, SOP14, DIP14          |
| NY8A054A | 14  | V    | 2K                 | 128               | 5x10b/2 | V   | -          | 1   | 2        | V   | High-EFT | SOP16                       |
| NY8A054D | 14  | V    | 2K                 | 128               | 5x10b/1 | -   | -          | 1   | 2        | V   | Consumer | SOP8, SOP16                 |
| NY8A056A | 16  | V    | 1K                 | 96                | 2x8b/2  | V   | -          | 1   | 1        | -   | High-EFT | SOP16, SOP18, DIP18, SSOP20 |
| NY8B062A | 14  | V    | 2K                 | 128               | 3x10b/3 | V   | 11+1       | 1   | 2        | V   | High-EFT | SOP8, SOP14, SOP16          |
| NY8B062B | 14  | V    | 2K                 | 128               | 3x10b/3 | V   | 11+1       | 1   | 2        | V   | High-EFT | SOP8, SOP14, SOP16          |
| NY8B062D | 14  | V    | 2K                 | 128               | 3x10b/3 | -   | 11+1       | 1   | 2        | V   | Consumer | SOP8, SOP14, SOP16          |
| NY8B074A | 12  | V    | 4K                 | 96                | 3x10b/3 | V   | 6-ch       | 4   | 2        | V   | High-EFT | SOP8, SOP14, DIP14          |
| NY8B072A | 18  | V    | 2K                 | 128               | 3x10b/3 | V   | 12+1       | 1   | 3        | V   | High-EFT | SOP20, DIP20                |

| P/N      | I/O | XTAL | MTP <sub>x14</sub> | RAM <sub>x8</sub> | EE      | PWM/Buzzer | LIR | 12-bit ADC | CMP | Ext. INT | LVD | Remarks  | Package       |
|----------|-----|------|--------------------|-------------------|---------|------------|-----|------------|-----|----------|-----|----------|---------------|
| NY8AE51D | 6   | -    | 1K                 | 64                | 64 Byte | 3x10b/1    | -   | -          | -   | 1        | V   | Consumer | SOT23-6, SOP8 |
| NY8BM72A | 18  | V    | 2K                 | 128               | -       | 3x10b/3    | V   | 12+2-ch    | 1   | 3        | V   | High-EFT | SOP20         |

- Remarks:**
1. Operating Voltage = 2.0~5.5V, up to 20MHz, Dual Clock, WDT, LVR .
  2. NY8A: GPIO, NY8B: ADC, NY8AE: MTP.
  3. NY8xxxA/B are High-EFT version with Noise Filter. NY8xxxC/D/E are Low-Eft version without Noise Filter.
  4. LIR: 340mA Large sink current IR output.
  5. CMP: Comparator.
  6. EE: EEPROM.

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