

# ICs/LSIs for Industrial and Home Use

## ■ For Analog Clock (MOS ICs)

| Motor Type             | Type No. | Oscillating Frequency (MHz) | Supply Voltage (V) | Power Supply Current max. (μA) | Motor Driving Pulse Output |                  | Package        | No. | Remarks          |
|------------------------|----------|-----------------------------|--------------------|--------------------------------|----------------------------|------------------|----------------|-----|------------------|
|                        |          |                             |                    |                                | Frequency (Hz)             | Pulse Width (ms) |                |     |                  |
| Step motor             | MN6057   | 4.19                        | 1.5                | 35                             | 0.5                        | 1s               | DIP008-P-0300  | L1  |                  |
|                        | MN6251   |                             |                    | 35                             | 0.5                        | 31.25            | DIP008-P-0300  | L1  |                  |
|                        | MN6252   |                             |                    | 35                             | 0.5                        | 31.25            | DIP008-P-0300  | L1  |                  |
|                        | MN6255   |                             | 5.0                | 500                            | 0.5                        | 46.875           | DIP008-P-0300  | L1  | For car clock    |
|                        | MN6253B  | 32kHz                       | 1.5                | 10                             | 0.5                        | 31.25            | DIP008-P-0300  | L1  |                  |
|                        | MN6260B  |                             |                    | 10                             | 0.5                        | 31.25            | DIP008-P-0300  | L1  |                  |
|                        | MN6260C  |                             |                    | 10                             | 0.5                        | 31.25            | DIP008-P-0300  | L1  |                  |
|                        | MN6263   |                             |                    | 10                             | 0.5                        | 15.625           | DIP008-P-0300  | L1  |                  |
|                        | MN6275B  |                             |                    | 8                              | 0.5                        | 31.25            | SOP008-0-0225  | L29 |                  |
|                        |          |                             |                    |                                |                            |                  |                |     |                  |
| Synchronous motor      | MN6092   | 4.19                        | 1.5                | 50                             | 16                         | 31.25            | DIP008-P-0300  | L1  |                  |
|                        | MN6093   |                             |                    | 1mA                            | 64                         | 7.8125           | DIP008-P-0300  | L1  | For car clock    |
|                        | MN6094   |                             |                    | 35                             | 16                         | 31.25            | DIP008-P-0300  | L1  |                  |
|                        | MN6095   |                             |                    | 35                             | 16                         | 31.25            | DIP008-P-0300  | L1  |                  |
| Step/synchronous motor | MN6220   | 4.19                        | 1.5                | 70                             | 0.5/16                     | 1s/31.25         | DIP018-P-0300A | L10 | Timer indication |

## ■ For Timer

| Type No. | Operating Voltage (V) | Process | Functions                                                     | Package                        | No.     |
|----------|-----------------------|---------|---------------------------------------------------------------|--------------------------------|---------|
| MN6076   | -12                   | MOS     | Two operation digital AC clock timer (Fluorescent lamp drive) | DIP040-P-0600                  | L16     |
| MN6139   | 4.5 ~ 5.5             | CMOS    | Timer for dish dryer                                          | DIP014-P-0300A                 | L4      |
| AN6780/S | 4.5 ~ 12              | Bipolar | Long hour CR timer                                            | SIP007-P-0000<br>SOP014-P-0225 | B11/B66 |
| AN6781   | 4.5 ~ 12              |         | Residual amount indication CR timer                           | DIP016-P-0300E                 | B40     |
| AN6783S  | 5                     |         | ICs for long hour CR oscillation timer                        | SOP008-P-0225A                 | B64     |

## ■ Others

| Type No.  | Operating Voltage (V) | Process | Functions                                                   | Package        | No. |
|-----------|-----------------------|---------|-------------------------------------------------------------|----------------|-----|
| MN871101  | 5                     | CMOS    | Floppy disk controller for FDC (765 type)                   | QFH100-P-1420  | L72 |
| DN8640S   | 4 ~ 6                 | Bi-CMOS | 3 × 8 bit shift register latch driver                       | SSOP036-P-0450 | B86 |
| DN8643S   | 4 ~ 6                 |         | 24 bit shift register latch driver                          | SSOP036-P-0450 | B86 |
| DN8646FBP | 4 ~ 6                 |         | 4 × 8 bit shift register latch driver                       | QFH044-P-1010  | B93 |
| DN8648FBP | 4 ~ 6                 |         | 32 bit shift register latch driver                          | QFH044-P-1010  | B93 |
| DN8649FBP | 4 ~ 6                 |         | 2 × 16 bit shift register latch driver                      | QFH044-P-1010  | B93 |
| DN8657S   | 4.5 ~ 5.5             |         | LED panel display driver (16 bit)                           | SOP028-P-0375a | B81 |
| DN8659S   | 4.5 ~ 5.5             |         | LED panel display driver (8 bit)                            | SOP020-P-0300a | B72 |
| DN8665S   | 4.5 ~ 5.5             |         | LED panel display driver (8 bit)                            | SOP020-P-0300a | B72 |
| DN8667S   | 4.5 ~ 5.5             |         | LED panel display driver (8 bit)                            | SOP020-P-0300a | B72 |
| AN6718N   | 14                    | Bipolar | Inverter control IC for microwave oven (Regulator built in) | DIP014-P-0300C | B37 |
| AN6721    | 23                    |         | IGBT driver IC (Regulator built in)                         | SIP007-P-0000  | B11 |