

ORDERING INFORMATION

1.2. POWER SOURCE IC (fixed output voltage type)

78/79 Series

Example : NJM 78M 00 FA - B (T1)
 1 2 3 4 5 6

Item 1 Classification of items
NJM --- Bipolar monolithic IC

Item 2 Part Number
The name of product is shown by two-digit number and one capital alphabet.

Item 3 Output Voltage
The output voltage is shown by two-digit number.

Item 4 Classification of Package (refer to the 1.1 bipolar item 3)
NJM78L/79L only
Output Voltage Accuracy
The output voltage accuracy is shown by one capital alphabet after package type mark.

Item 5 Characteristics Selection
Specially selected product is shown by within two-digit capital alphabet after a hyphen.

Item 6 Taping Form
The taping form is shown by two or three-digit alphanumeric character in parentheses.

1.3 78LR (Series Regulator with Reset Function) Series

Example : NJM 78LR 05 B M - B (T1)
 1 2 3 4 5 6 7

Item 1 Classification of items
NJM --- Bipolar monolithic IC

Item 2 Part Number
Series Regulator with Reset Function is shown by "78LR".

Item 3 Output Voltage
The output voltage is shown by two-digit number.

Item 4 Reset Threshold Voltage
The reset threshold voltage is shown by one capital alphabet.

Item 5 Classification of Package (refer to the 1.1 bipolar item 3)
Output Voltage Accuracy
The output voltage accuracy is shown by one capital alphabet after package type mark.

Item 6 Characteristics Selection Option
Specially selected product is shown by within two-digit capital alphabet after a hyphen.

Item 7 Taping form
The taping form is shown by two or three-digit alphanumeric character in parentheses.

ORDERING INFORMATION

1.5 LCD CONTROLLER DRIVER

Example1 : $\frac{\text{NJU } 6408\text{B } \underline{\text{FG}}1 - \underline{00}}{1 \quad 2 \quad 3 \quad 4}$, Example2 : $\frac{\text{NJU } 6678\text{A } \underline{\text{CL}} - \underline{\text{G}} - \underline{\text{CT}}3}{1 \quad 2 \quad 3 \quad 4 \quad 5}$

Item 1 Classification of items
NJU — C-MOS IC

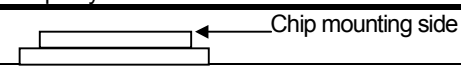
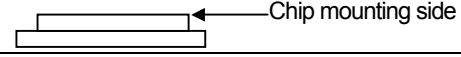
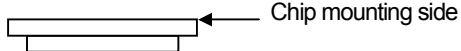
Item 2 Part Number
The name of product is shown by four-digit number, and one or two capital alphabet (series product only).
Example : NJU6678A/NJU6678B
In case of substantial modification of circuit or masks, one capital alphabet is added to the name.
Example : NJU6408 → NJU6408B

Item 3 Classification of Package
Note1: QFP package is shown by "F" with one capital alphabet (mold size) and one-digit number (lead length and forming).
Note2: Bumped-chip is shown by "C" with one capital alphabet (bump height).
Bump Height) 15μm :CL
 17.5μm :CJ
 25μm :CH
Note3: TCP is shown by "H" with two-digit number (taping form).
Example : NJU6678AH02
Note4: COF is shown by "T" with two-digit number (taping form).
Example : NJU6678AT01

Item 4 ROM Version
The ROM version is shown by two-digit number after a hyphen.

Item 5 Chip Thickness
The Chip Thickness is shown by one capital alphabet after a hyphen.
Chip Thickness) 400μm: no description
 260μm: C
 625μm: Z
 675μm: G

Item 6 Tray Form
The Tray form is shown by two capital alphabet and one digit number after a hyphen.

Symbol	Tray form	Chip tray
CT1	One side tray	
CT2	Both side tray	
CT3	Both side tray	

1.6C-MOS,and Bip Others Example1 : $\frac{\text{NJM } 2370 \underline{\text{U}} \underline{05} (\underline{\text{TE}}1)}{1 \quad 2 \quad 3 \quad 4 \quad 5}$, Example2 : $\frac{\text{NJU } 7201 \underline{\text{L}} \underline{00} (\underline{\text{T}}1)}{1 \quad 2 \quad 3 \quad 4 \quad 5}$

Item 1 Classification of items NJM — Bipolar monolithic IC , NJU — C-MOS IC

Item 2 Part Number The name of product is shown by four-digit number.

Item 3 Classification of Package (refer to 1.1bipola item 3 or 1.4 C-MOS item 3)
Output Voltage Accuracy
The output voltage accuracy is shown by one capital alphabet after package type mark.

Item 4 Output Voltage
The output voltage is shown by two-digit number.

Item 5 Taping form
The taping form is shown by two or three-digit alphanumeric character in parentheses.

ORDERING INFORMATION

3. GaAs IC

Example : NJG 1505 R (TE1)
 1 2 3 4

Item 1 Classification of items
NJG — GaAs IC

Item 2 Part Number
The name of product is shown by four-digit number. In case of substantial modification of circuit or masks, one capital alphabet is added to the name.

Item 3 Classification of Package
The codes in [] are names defined in NJRC.

F-----Dual-in-line plastic mini-mold	[MTP]	Note1
K-----Flat lead package	[FLP]	Note2
P-----Flip chip fine package	[FFP]	Note3
R-----Very small package	[VSP] [TVSP]	
V-----Dual-in-line plastic shrunk mini-mold	[SSOP]	Note4

Note1: MTP package is shown by only "F" or "F" with one-digit number.

Note2: FLP package is shown by "K" with one alphabet (mold size) and one-digit number (lead pitch).

Note3: FFP package is shown by "P" with one alphabet (package size) and one-digit number (lead pitch).

Note4: SSOP package is shown by only "V" or "V" with one alphabet (package size) and one-digit number (lead pitch).

Item 4 Taping Form
The taping form is shown by two or three-digit alphanumeric character in parentheses.

ORDERING INFORMATION

4. OPTOELECTRONIC DEVICE

4.1 Optoelectronic Device (except Infrared Remote Control Receiver)

Example 1 : NJL 5197 K -K -F20 (TE1)
 1 2 34 5 6

Example 2 : NJL 5181 K A -F10 (TE1)
 1 2 34 5 6

Item 1 Classification of items
NJL — Optoelectronic Device

Item 2 Part Number
The name of product is shown by four-digit number.

Item 3 Classification of Package

Item 4 Characteristics Selection
Specially selected product is shown by within two-digit capital alphabet after a hyphen.
(Example 1)
But rank of output current is shown by within two-digit capital alphabet without hyphen.
(Example 2)

Item 5 Lead Form
Special lead form is shown by only "F", or "F" with one or two digit-number after a hyphen.

Item 6 Taping Form
The taping form is shown by two or three-digit alphanumeric character in parentheses.

4.2 Infrared Remote Control Receiver

Example : NJL 61 H 380 A F3
 1 234 5 6

Item 1 Classification of items
NJL — Optoelectronic Device

Item 2 Part Number
The name of product is shown by two-digit number.

Item 3 Classification of View
H : Top
V : Side

Item 4 Center Carrier Frequency
Center carrier frequency is shown by three-digit number.
Example : 380 38.0KHz

Item 5 Characteristics Selection
Specially selected product is shown by one capital alphabet.

Item 6 Lead Form
Special lead form is shown by one capital alphabet with one digit-number.