

Character LCD module feature:

5V or 3.3V single power input. Built-in DC / DC converter
While using 3.3V power input.
.Stn yellow green type LCD
.Normal temperature type

Graphic LCD module feature:

Besides +5V for logic circuit, -5V is needed for LCD driving
(optional DC / DC converter)
.Stn gray type LCD
.Normal temperature type

A: None backlight (reflective type / 6:00 view)

B: 5V yellow green LED backlight (transflective type / 6:00 view)

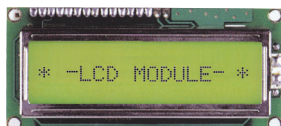
C: 5V blue LED backlight (transflective type / 6:00 view)

D: 5V white LED backlight (transflective type / 6:00 view)

Item No.	R78902~R78922	R78931	R78934	R78940
Controller	KS0066U	SED1520	KS0108B	T6963C
Pin No.	Interface	Interface	Interface	Interface
1	Vss	Vss	Vss	FGND
2	Vdd	Vdd	Vdd	Vss
3	Vo	Vo	Vo	Vdd
4	Rs	Ao	RS	Vo
5	R/W	CS1	R/W	/WR
6	E	CS2	E	/RD
7	DB0	CL	DB0	/CE
8	DB1	/RD	DB1	C/D
9	DB2	/WR	DB2	RV
10	DB3	DB0	DB3	/ RESET
11	DB4	DB1	DB4	DB0
12	DB5	DB2	DB5	DB1
13	DB6	DB3	DB6	DB2
14	DB7	DB4	DB7	DB3
15	LED A	DB5	CS1	DB4
16	LED K	DB6	CS2	DB5
17		DB7	/RES	DB6
18		RES	Vee	DB7
19		LED A	LED A	FS
20		LED K	LED K	Vee

R78902A /B

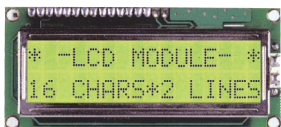
Character LCD module 16 chars x 1 line 1/16 duty
A : 80 x 36 x 10mm B : 80 x 36 x 14.5mm
View area : 65 x 14mm (character : 3.07 x 6.56mm)


R78920A /B

Character LCD module 24 chars x 2 lines 1/16 duty
A : 118 x 36 x 9.5mm B : 118 x 36 x 14.7mm
View area : 94.5 x 18mm (character : 3.2 x 5.55mm)


R78908A /B

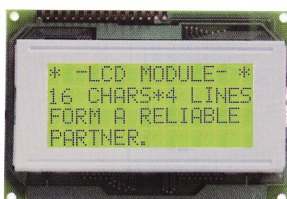
Character LCD module 16 chars x 2 lines 1/16 duty
A : 80 x 36 x 10mm B : 80 x 36 x 14.5mm
View area : 64 x 17.2mm (character : 2.95 x 5.55mm)


R78922A /B

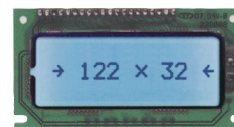
Character LCD module 40 chars x 2 lines 1/16 duty
A : 182 x 33.5 x 10.5mm B : 182 x 33.5 x 14mm
View area : 154 x 16.5mm (character : 3.2 x 5.55mm)


R78915A /B

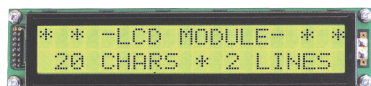
Character LCD module 16 chars x 4 lines 1/16 duty
A : 87 x 60 x 11mm B : 87 x 60 x 14mm
View area :
61.4 x 25mm
(character :
2.95 x 4.75mm)


R78931A /C /D

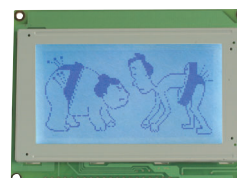
Graphic LCD module 122 x 32 dots 1/32 duty
A : 84 x 44 x 10.5mm C/D : 84 x 44 x 15.5mm
View area : 60.5 x 18.5mm
Dot size : 0.4 x 0.45mm


R78916A /B

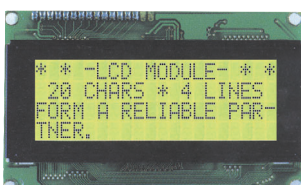
Character LCD module 20 chars x 2 lines 1/16 duty
A : 116 x 37 x 10mm B : 116 x 37 x 14.5mm
View area : 83 x 18.5mm (character : 3.2 x 5.55mm)


R78934A /C /D

Graphic LCD module 128 x 64 dots 1/64 duty
A : 93 x 70 x 9.5mm C/D : 93 x 70 x 14.5mm
View area : 71.7 x 39mm
Dot size : 0.48 x 0.48mm


R78918A /B

Character LCD module 20 chars x 4 lines 1/16 duty
A : 98 x 60 x 10.5mm B : 98 x 60 x 14.5mm
View area :
76 x 25.2mm
(character :
2.95 x 4.75mm)


R78940A /C /D

Graphic LCD module 240 x 64 dots 1/64 duty
A : 180 x 65 x 15.5mm C/D : 180 x 65 x 15.5mm
View area : 132 x 39mm
Dot size :
0.49 x 0.49mm

