	Data	Description
Color	65K (65536) colors	16 bit, 5R6G5B
Layout size	100.5 (L)×54.94 (W)×4.25 (H)	NX4832T035_011N
	100.5 (L)×54.94 (W)×5.45 (H)	NX4832T035_011R
Active Area (A.A.)	85.50mm(L)×54.94mm(W)	-
Visual Area (V.A.)	73.44mm(L)×48.96mm(W)	-
Resolution	480×320 pixel	Also can be set as 320*480
Touch type	Resistive	-
Touches	> 1 million	-
Backlight	LED	-
Backlight lifetime (Average)	>30,000 Hours	-
Brightness	200nit (NX4832T035_011N)	0% to 100%, the interval of adjustment is 1%
	180 nit (NX4832T035_011R)	0% to 100%, the interval of adjustment is 1%
Weight	38.2g (NX4832T035_011N)	-
	48.2g (NX4832T035_011R)	-

Interfaces Performance

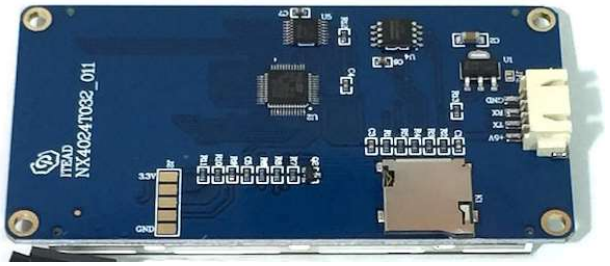
	Test Conditions	Min	Typical	Max	Unit
Serial Port Baudrate	Standard	2400	9600	115200	bps
Output Voltage(TXD)	Output 1, Iout=1mA	3.0	3.2	-	V
Output Voltage(TXD)	Output 0, Iout=-1mA	-	0.1	0.2	V
Input Voltage(RXD)	Output 1, Iout=1mA	2.0	3.3	5.0	V
Input Voltage(RXD)	Output 0, Iout=-1mA	-0.7	0.0	1.3	V
Serial Port Mode	TTL				
Serial Port	4Pin_2.54mm with Lock				
USB interface	NO				
SD card socket	Yes (FAT32 format), support maximum 32G Micro TF/SD Card				

Memory Features

Memory Type	Test Conditions	Min	Typical	Max	Unit
FLASH Memory	Store fonts and images	-	16	-	MB
RAM Memory	Store variables	-	3584	-	BYTE

NX4832T035_011R

	Test Conditions	Min	Typical	Max	Unit
Operating Voltage		4.75	5	7	V
Operating Current	VCC=+5V, Brightness is 100%	-	145	-	mA
	SLEEP Mode	-	15	-	mA
Power supply recommend：5V, 500mA, DC					



Univ. Autónoma de Madrid **SEGAINVEX - Electrónica**			UAM SEGAINVEX
Diseñado: **Raquel López** Dibujado:			
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