4.3" Display Modules

Bring Your Product to Life… Fast…

Haidar's 4.3" display modules are fully integrated TFT display modules that allow customers to implement Graphical User Interface with SmartPhones-like graphics and feel at record time to market. The module has a touch screen support and it can be programmed using our **Free** Visual GUI Builder **"uiLAB"**.

Module Components:
- SegeNT embedded GUI Board
- Carrier board with LED backlight driver and Audio amplifier
- 4.3" WQVGA TFT LCD
- Capacitive Or Resistive Touch Screen

Features:
- Powered by SegeNT.
- Simple Serial (RS232 @ 3.3V) interface.
- Comes with Capactive, Resistive or No touch screen.
- Mono Audio Output.
- 3.3VDC or 5.0VDC input voltage.
- Great for hand held devices.
- Suitable for battery operation.
- Quick and Flexible GUI design with uiLAB Software.
- 16Mbytes flash memory on board for GUI, Fonts and Bitmaps storage.
- Three Graphic Layers with Alpha blending and Transparency support.
- No missing Touch Events!
- Very Fast Graphics Rendering!

Get Started with a Starter Kit:
To get started with a 4.3" display module, order part number **STK-SNT-N480272-43-RT** (Resistive TP) **or STK-SNT-N480272-43-CT** (Capacitive TP). Each starter kit includes everything you need to start your GUI development fast and easy.

Please, visit our website **www.HaidarTechnology.com** or call (614) 389-3022 for more information or to place an order.

SNT-N480272-43-xT Display Module

Product Specifications:

Product Part #	SNT-N480272-43-RT
	SNT-N480272-43-CT
Controller	SegeNT
LCD	NHD-4.3-480272EF-ATXL#-T
	NHD-4.3-480272EF-ATXL#-CTP
Resolution	480x272
Colors	65,536 or 16bpp
Touch Screen	4-wire Resistive TP
	Capacitive TP
Active Area	95X53.83 mm
Backlight	White LED
Brightness	340 cd/m2
Contrast Ratio	500
Top View Angle	70°
Bottom View Angle	50°
Left View Angle	70°
Right View Angle	70°
Operating Temp	-20° C to 70° C
Supply Voltage	3.3VDC or 5.0VDC
Supply Current	220mA Max
Interface Connector	16-pin 0.1" IDC
Interface	Serial RS232 @ 3.3V CMOS
Module Size	124(W) X 68(L) mm
RoHS	Yes