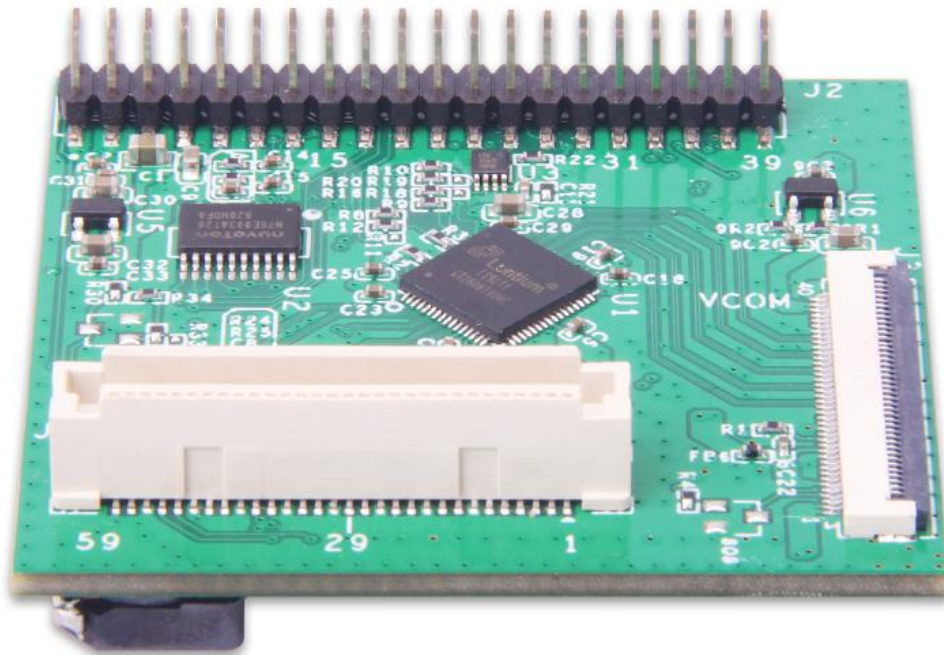


LVDS Conversion Board

M-LVDS921



Geniatech LVDS conversion board uses LT9211 multi-channel display chip is adopted to realize various TFT display. Can realize MIPI to LVDS, MIPI to RGB, 40Pin FPC interface is provided for connecting an 8-inch TFT screen and a 6Pin FPC interface is provided for connecting a TP touch screen. LVDS conversion for DB4/DB11 enables rapid development of TFT screen applications and bulk deployment of products. Ideal for surveillance, video conferencing and even robotics projects.

Features

Provides high speed connector and Low speed connector

Support MIPI to RGB

Support LVDS interface and TP interface

OS Support:

Geniatech DB4: Linux、Android、Windows 10 IoT

Geniatech DB11: Linux、Android、Yacto

Customizable

Customizable hardware interface functions; board functions;

Structure of the custom.

Specifications

40Pin TFT FPC interface

6Pi TP FPC interface

Display used interface I2C, UART, GPIO, USB

Backlight power supply of display is 9.6V 260mA, which meets the common TFT power supply

Enterprise service

Provide comprehensive quality assurance, after-sales service and technical support

Product information

Display Chip	LT9211
Key	2
Video Format	Support RGB666, Loosely RGB666, RGB888, RGB565, 16-bit YCbCr4:2:2, 24-bit YCbCr 4:2:2
TTL Output	Support 24-bit RGB and BT656/BT1120
TP Interface	6Pin
LVDS Interface	40Pin

Supported Interface Devices	FPC 0.5 40Pin
	FPC 0.5 6Pin
	UART*2
	60Pin High speed connector
	40Pin Low speed connector
	Backlight power supply*1
	USB*1

Mechanical properties

Size (mm)	49*48
Net Weight (g)	15
Supply	3.3V/1.8V
Operating range	Consumer (-40° C to 85° C)
RoHS and Reach compliant	Yes

