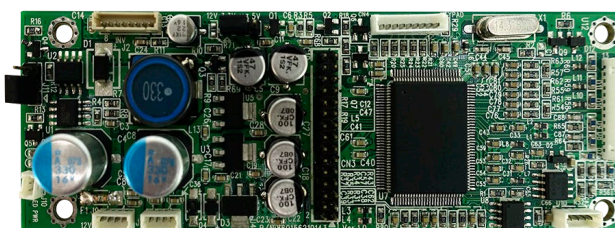# AD6038GM
Display Control Board, WUXGA

AD6038GM is a high integrated display controller solution for producing real time, top quality digital video and computer graphic images on LCD panel. The AD6038GM provides an ideal interface between industry standard digital graphics controllers and a wide variety of LCD panel devices. It has a display port and DVI-D input. Rev.1 is European RoHS compliant., resolution can support all coming VESA modes and up to WUXGA (1920x1200)

Key Features

- Maximum resolution WUXGA (1920x1200)
- Support dual pixel (48bits) LVDS and single pixel (24bits) LVDS
- Support refresh rate up to 75Hz, compatibility with standard VESA specification
- Support non-linear scaling from 4:3 to 16:9 or 16:9 to 4:3
- High resolution PWM dimming control output
- Provide one VR connector for external dimming control

Specifications	V1
Model No.	**AD6038GM**
Chip	St6038
Max. Resolution	WUXGA (1920x1200)
Interface	Single (24bits) / Dual (48bits) LVDS
Input Power	DC 12V
Panel Power Selection	3.3V, 5V
Video Input	VGA
Light Sensor	Yes
External VR Control	Yes
Board Dimension	114 x 40 mm
F / R Control Button	☐ 5 Key ☐ 4 Key
☐ **5 Key**	Power Switch, Menu, Select (+,-), Auto
☐ **4 Key**	Power Switch, Menu, Select (+,-),
OSD Menu	Brightness, Contrast, H/V Position, Color, Phase, Clock…
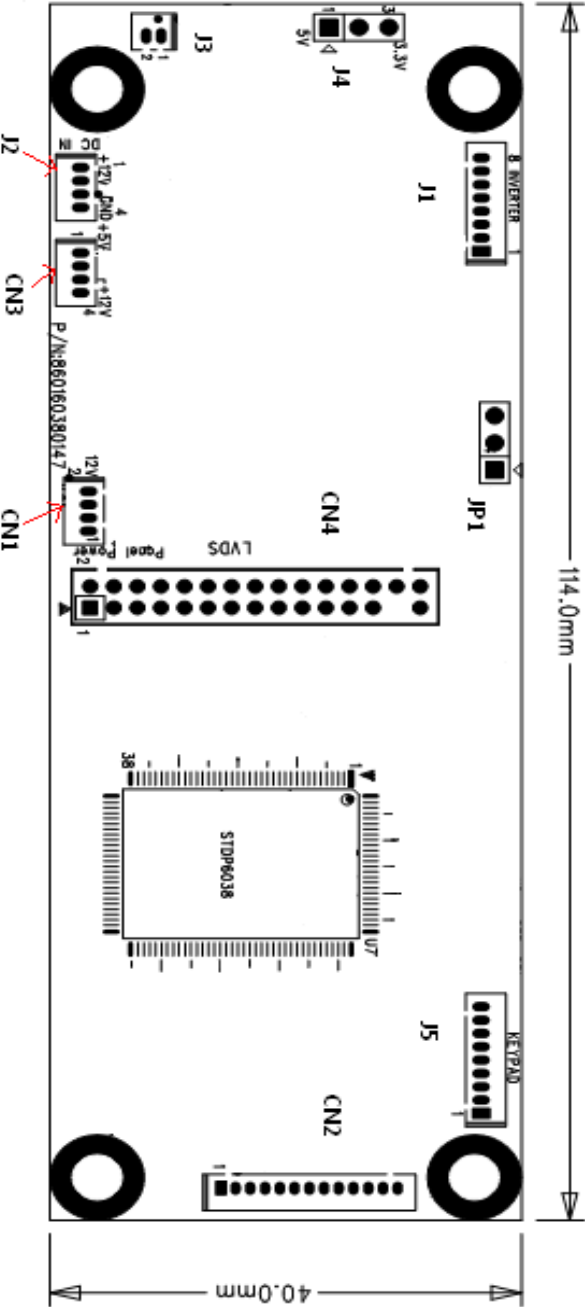
AD6038GM

Ordering Information

Part Number	Description
AD6038GM: 880160381017	PCBA,AD,AD6038GM,V1.0,P

Optional Accessories

Part Number	Description
980000020011	SET,OTHER,LIGHTSENSOR.(LS3101)WITH CABLE,L=760mm.AD2662,3M DP270,P
980000040010	VR with cable