

HX6820A

CN2

2.0mm PITCH 6P PHR-6
TO DC-AC INVERTER
1.12V
2.12V
3.BL=ON/OFF
4.ADJ
5.GND
6.GND



J2 J1

2.54mm PITCH JUMPER
LCD PANEL LOGIC VOLTAGE
SELECTION
1.12V
2.5V
3.3.3V

CN3

2.0mm PITCH 4P PHR-4
12V DC POWER INPUT
1.12V
2.12V
3.GND
4.GND



CN9

2.0mm PITCH 12P PHR-12
ANALOG RGB INPUT
1.GND
2.VS
3.HS
4.GND
5.R
6.GND
7.G
8.GND
9.B
10.GND
11.SDA
12.SCL



CN10

2.0mm PITCH 10P PHR-10
TO OSD KEYBOARD
1.K0
2.LED-RED
3.LED-GREEN
4.GND
5.K1
6.K2
7.K3
8.K4
9.K5
10.K6

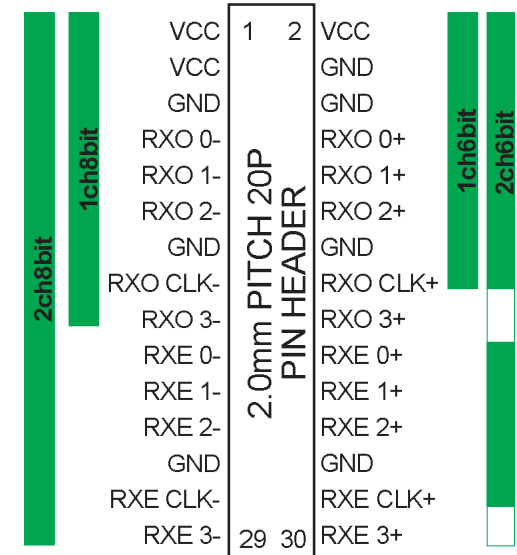


P2

OPTIONAL
D-SUB15P CONNECTOR
ANALOG RGB INPUT



CN8



INPUT: Analog RGB, 0.7Vp-p

OUTPUT: Single/Dual LVDS 6/8bit

SUPPORT LCD:

SVGA,XGA,SXGA,SXGA+,WXGA,WXGA+,UXGA

MAX1920X1200p, 24bit Colors

Horizontal Sync Range: 30-80.6KHz

Vertical Sync Range: 56-75Hz

OSD MENU: Brightness, Contrast, Auto-correction, Phase, Clock,
Horizontal and Vertical position, Feature set, Reset

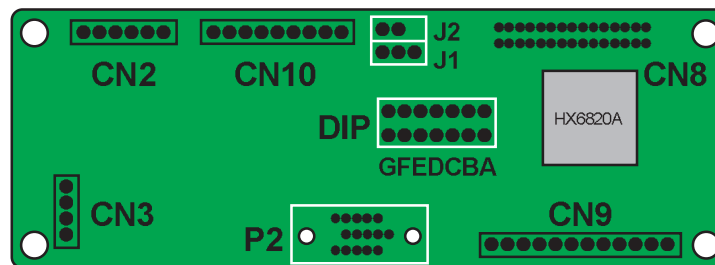
POWER SUPPLY: 12VDC

POWER CONSUMPTION: 1.6W(no load)

Normal operating mode, Low-power mode

Standby power consumption<1W

DIMESIONS: 108x28x16mm



DIP

GFEDCBA

RESOLUTION	LVDS	SIG	JUMPER
1920x1080	2ch8bit	A+B	A+B
1920x1200	2ch6bit	A+B+G	A+B+G
1920x1080	2ch8bit	A+C+G	A+C+G
1920x1080	2ch6bit	A+C	A+C
1680x1050	2ch8bit	A+D	A+D
1440x900	2ch8bit	A+E	A+E
1280x1024	2ch8bit	A+F	A+F
1366x768	1ch8bit	B	B
1366x768	1ch6bit	C	C
1024x768	1ch8bit	D	D
1024x768	1ch6bit	E	E
800x600	1ch8bit	F	F
1024x600	1ch6bit	A	A
1600x1200	2ch8bit	A+E+G	A+E+G
1600x900	2ch8bit	A+F+G	A+F+G
1600x900	2ch6bit	B+G	B+G
1440x900	2ch6bit	C+G	C+G
1400x1050	2ch6bit	D+G	D+G
1280x1024	2ch8bit	E+G	E+G
1280x800	1ch6bit	F+G	F+G
1024x768	1ch8bit	A+G	A+G
1024x768	1ch6bit	G	G

2.0mm PITCH