



HIDISPLAY Creates
the Core Technology Of the DISPLAY.

PROFESSIONAL COMPANY OF DIGITAL VIDEO BOARD

Customized Development



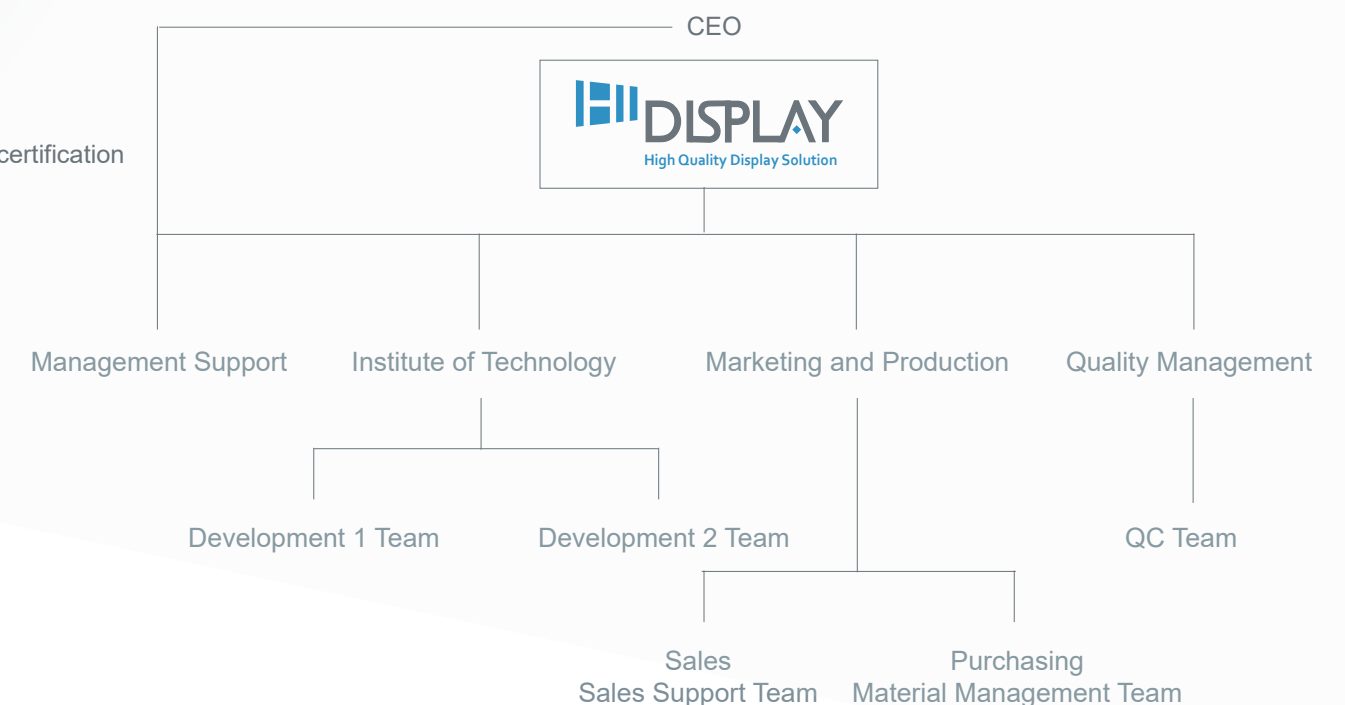
HIDISPLAY Co., Ltd. was established in 2009 as a specialized company that Monitor and TV Panel controller Module.
With steady efforts, we have equipped ourselves with specialized research and development capabilities for digital Monitor and TV Panel Control Module .
We have achieved our current growth with our footsteps, we are able to develop and supplement our own products, and have the ability to implement various functions according to customer's needs.

MONITOR / KIOSK / MULTIVISION / DIGITAL SIGNAGE / SMART TABLE / INTERACTIVE PANEL / ETC

02 / 03

- 2019** Certification excellent company in technology evaluation
- 2018** Moved to head office expansion
Developed 4K Multivision Board
- 2016** Recognized as an affiliated research institute
Exported to Japan (Convenience store outdoor advertising)
Appointed as Excellent Employment Company for Women in Gyeonggi Province in 2016 (Governor of Gyeonggi Province)
Registered as 1st partner company of Samsung Electronics
- 2015** Establishment of Technology Research Institute (Korea Industrial Technology Association)
Obtained ISO 9001: 2008 certification / Obtained ISO 14001: 2004 certification
Registered as INNO-BIZ
- 2014** Confirmation of Venture Business(Technology Guarantee Fund)
- 2013** Developed UHD 4K Display Board
Agreement to Promote University-Industry Collaboration (LINC)
Agreed to Daelim Family Company
Converted to Hi Display Co., Ltd

- 2012** Completed development of 3D DTV board
Completed developed DMP Media Board
- 2011** Completed development of FRC 120Hz board
Developed HDMI AD Board
- 2009** Established HIDISPLAY



HIGH QUALITY DISPLAY TOTAL SOLUTION

Digital Controller Board Development service and manufacturing
LCD Application Development and manufacturing
LCD Panel Outsourcing
INDUSTRY ASS'Y Development and Purchasing



Monitor Control Module

Multi Vision (Video Wall)

DID (Digital Information Display)

Digital Signage Solution

04 / 05

AD BOARD's ADVANCED TECHNOLOGY

that determines display quality is made in **HIDISPLAY.**



Innovative Enterprise Certification



Certificate of R & D department



ISO 9001: 2015
Quality Management System Certificate

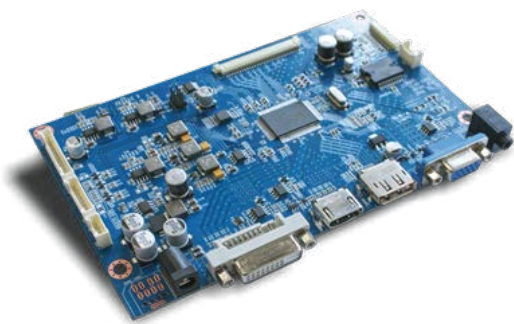


ISO 14001: 2015
Environmental Management System Certificate

AD BOARD

Monitor or TV Panel Control Module

NEW PRODUCT



HR501

LCD Module	LVDS 1920X1080 60Hz 8bit
Input	Analog RGB(R, G, B Separate H, V Sync), DVI, HDMI, DP
Max Support Resolution	1920X1080 (60Hz)
OSD Control	Menu, Select, Down, Up, Power
Plug & Play	VESA DDC 2B Ver1.3
Power Consumption	Supply Voltage : 12Vdc Power : 10 Watt(Board Only)
Signal Connector	Analog : DSUB 15P(R, G, B Separate H, V Sync) Digital : DVI-D 24P(TMDS) / HDMI 2.0(TMDS), Display Port / Analog RGB, Audio : 5W + 5W (8 Ω)
Board Size	W x H x D(mm) : 165 x 100 x 18

MONITOR



HN101

Dedicated Panel	BD097XGA, EJ080NA-05B, AT070TN94
LCD Module	LVDS / TTL
Input	DMI 1.4*1(TMDS), RGB Support
Resolution Support	H: 31 ~ 135kHz / V: 55 ~ 76Hz
OSD Control	Menu, Select, Down, Up, Power (5 Keys)
Plug & Play	VESA DDC 2B Ver1.4
Power Consumption	Supply Voltage : 12Vdc / Power : -(Board Only)
Signal Connector	Digital : HDMI 1.4(TMDS) / HDCP Ver1.1 Analog : (R, G, B Separate H, V Sync)
Board Size	W x H x D(mm) : 90 x 80 x 17

HR 100L

LCD Module	LVDS 640x350 ~ MAX 1920X1200
Input	Analog RGB(R, G, B Separate H, V Sync), DVI-D(TMDS)
Resolution Support	H: 31 ~ 80kHz / V: 55 ~ 76Hz
OSD Control	Menu, Select, Down, Up, Power (5 Keys)
Plug & Play	VESA DDC 2B Ver1.3
Power Consumption	Supply Voltage : 12Vdc / Max Power : TBD
Signal Connector	Analog : DSUB 15P(R, G, B Separate H, V Sync) Digital : DVI-D 24P(TMDS)
Board Size	W x H x D(mm) : 115 x 70 x 15



HI RH

LCD Module	LVDS 1920X1080 60Hz 8bit
Input	Analog RGB(R, G, B Separate H, V Sync), HDMI 1.4*1(TMDS), AUDIO
Resolution Support	H: 31 ~ 135kHz / V: 55 ~ 76Hz
OSD Control	Menu, Select, Down, Up, Power (5 Keys)
Plug & Play	VESA DDC 2B Ver1.3
Power Consumption	Supply Voltage : 12Vdc / Power : 3.0 Watt (Board Only)
Signal Connector	Analog : DSUB 15P(R, G, B Separate H, V Sync) Digital : HDMI 1.4(TMDS) / HDCP Ver1.2
Board Size	Audio : 3W x 3W W x H x D(mm) : 110 x 80 x 16



HI 2281

LCD Module	LVDS 640x350 ~ MAX 1920X1200
Input	Analog RGB(R, G, B Separate H, V Sync), DVI-D(TMDS), AUDIO
Resolution Support	H: 31 ~ 80kHz / V: 55 ~ 76Hz
OSD Control	Menu, Select, Down, Up, Power (5 Keys)
Plug & Play	VESA DDC 2B Ver1.3
Power Consumption	Supply Voltage : 12Vdc / Max Power : TBD
Signal Connector	Analog : DSUB 15P(R, G, B Separate H, V Sync) Digital : DVI-D 24P(TMDS)
Board Size	W x H x D(mm) : 110 x 80 x 15

HDMI & DP



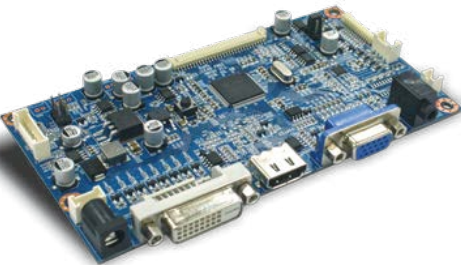
HN102

LCD Module	LVDS 1920X1080 60Hz 8bit
Input	Display Port
Resolution Support	H: 31 ~ 135kHz / V: 55 ~ 76Hz
OSD Control	Menu, Select, Down, Up, Power (5 keys)
Plug & Play	VESA DDC 2B Ver1.4
Power Consumption	Supply Voltage : 12Vdc / Power :3.0 Watt(Board Only)
Signal Connector	Analog : DSUB 15P(R, G, B Separate H, V Sync) Digital : Display Port Audio : 3W x 3W
Board Size	W x H x D(mm) : 110 x 80 x 15

AD BOARD

Monitor or TV Panel Control Module

HDMI & DP



HN120

LCD Module	LVDS 1920x1080
Input	Analog RGB), HDMI(TMDS),DVI, AUDIO
Resolution Support	H: 31 ~ 80kHz / V: 55 ~ 76Hz
OSD Control	Input, Menu, Left, Right, Power (5 Keys)
Plug & Play	VESA DDC 2B Ver1.3
Power Consumption	Supply Voltage : 12Vdc / Power : -(Board Only)
Signal Connector	Analog : DSUB 15P(R, G, B Separate H, V Sync) Digital : HDMI(TMDS) / HDCP Ver1.4/DVI Audio : 5W x 5W MAX
Board Size	W x H x D(mm) : 140 x 74 x 8

HDMI & DP



HN 100E

LCD Module	eDP 1920X1080 60Hz 8bit
Input	HDMI 1.4*1(TMDS), RGB Support, DVI
Resolution Support	H: 31 ~ 135kHz / V: 55 ~ 76Hz
OSD Control	Menu, Select, Down, Up, Power (5 Keys)
Plug & Play	VESA DDC 2B Ver1.4
Power Consumption	Supply Voltage : 12Vdc Max Power : Board Only
Signal Connector	Digital : HDMI 1.4(TMDS),Display Port / HDCP Ver1.1 Analog : DVI (R, G, B Separate H, V Sync) Audio : 3W x 3W
Board Size	W x H x D(mm) : 135 x 75 x 17

AV



HI DP

LCD Module	LVDS 640x350 ~ MAX 1920X1200
Input	Analog RGB(R, G, B Separate H, V Sync), HDMI, Display Port, AUDIO
Resolution Support	H: 31 ~ 80kHz / V: 55 ~ 76Hz
OSD Control	Menu, Select, Down, Up, Power (5 Keys)
Plug & Play	VESA DDC 2B Ver1.3
Power Consumption	Supply Voltage : 12Vdc Max Power : TBD
Signal Connector	Analog : DSUB 15P(R, G, B Separate H, V Sync) Digital : HDMI, DP / HDCP Ver 1.4
Board Size	W x H x D(mm) : 130 x 74 x 15



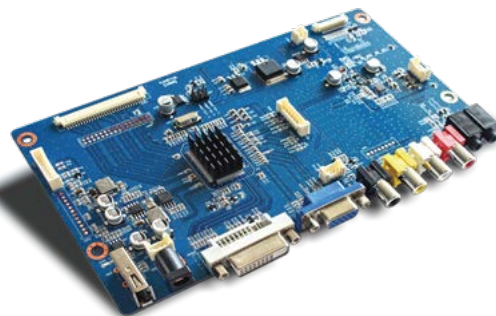
HI AVM

LCD Module	WVGA, SVGA, XGA, WXGA, SXGA,WUXGA
Input	Analog RGB(R, G, B Separate H, V Sync), CVBS, S-VIDEO
Resolution Support	H: 31 ~ 80kHz / V: 55 ~ 76Hz
OSD Control	Menu, Select, Down, Up, Power (5 Keys)
Plug & Play	VESA DDC 2B Ver1.3
Power Consumption	Supply Voltage : 12Vdc / Max Power : TBD
Signal Connector	Analog : DSUB 15P(R, G, B Separate H, V Sync) Digital : MINIDIN-4P(SVHS, RCA(CVBS)
Board Size	W x H x D(mm) : 110 x 90 x 15



HI GHD

LCD Module	LVDS 1920X1080 60Hz 8bit
Input	HDMI
Resolution Support	1.4 X 1(TMDS), Display Port
OSD Control	H: 31 ~ 135kHz / V: 55 ~ 76Hz
Plug & Play	Menu, Select, Down, Up, Power (5 Keys)
Power Consumption	VESA DDC 2B Ver1.4 Supply Voltage : 12Vdc Power : 3.0 Watt (Board Only)
Signal Connector	Digital : HDMI 1.4(TMDS),Display Port / HDCP Ver1.1 Audio : 3W x 3W
Board Size	W x H x D(mm) : 110 x 80 x 5



HI AVL VE

LCD Module	LVDS 1920X1080
Input	Analog RGB(R, G, B Separate H, V Sync), DVI-D(TMDS), USB, AUDIO
Resolution Support	H: 31 ~ 80kHz / V: 55 ~ 76Hz
OSD Control	Menu, Select, Down, Up, Left, Right, Power(7 keys)
Plug & Play	VESA DDC 2B Ver1.4
Power Consumption	Supply Voltage : 12Vdc / wer : 3.0 Watt
Signal Connector	Analog : DSUB 15P(R, G, B Separate H, V Sync) Digital : DVI-D 24P(TMDS) / Audio : 5W + 5W
Board Size	W x H x D(mm) : 192 x 103 x 17

AD BOARD

Monitor or TV Panel Control Module

UHD



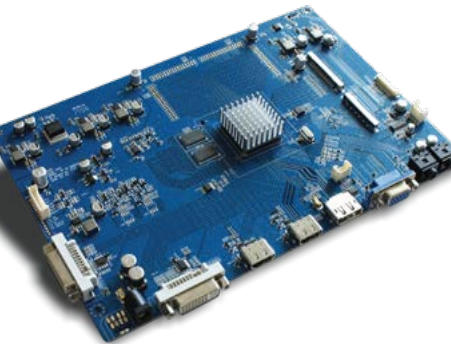
HI GM3458

LCD Module	LVDS 1920X1200 60Hz 8bit(OPTION) V by one 3840X2160 60Hz(OPTION)
Input	HDMI 2.0*2(TMDS), DP (HBR2), RF(OPTION)
Resolution Support	H: 31 ~ 135kHz / V: 55 ~ 76Hz
OSD Control	Input, Menu, Left, Right, Down, Up, Power(7 keys)
Plug & Play	VESA DDC 2B Ver1.4
Power Consumption	Supply Voltage : 12Vdc Power : 16.7 Watt (UHD 60Hz dot active)(Board Only) Digital : HDMI 2.0(TMDS), DP(HBR2) / HDCP Ver1.4 Audio : 3W X 3W / RF(OPTION) : ATSC
Board Size	W x H x D(mm) : 140 x 100 x 17



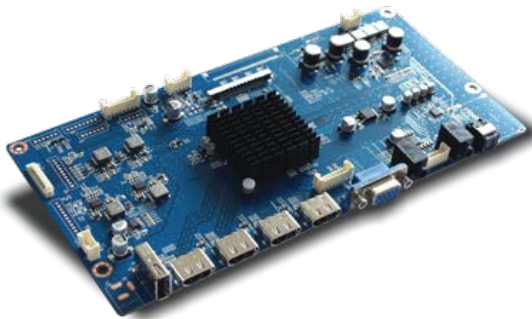
GM LEONA

LCD Module	3840X2160 10bit, V By One, eDP HBR2(Option)
Input	HDMI 2.0*1(TMDS), Display Port, D-SUB
Resolution Support	H: 31 ~ 135kHz / V: 55 ~ 76Hz
OSD Control	Input, Menu, Left, Right, Down, Up, Power(7 keys)
Plug & Play	VESA DDC 2B Ver1.4
Power Consumption	Supply Voltage : 12Vdc / Power : 3.0 Watt(Board Only)
Signal Connector	Digital : HDMI 2.0(TMDS), Display Port / HDCP Ver1.4 Audio : 3W x 3W
Board Size	W x H x D(mm) : 140 x 130 x 17



HI 4K MONITOR

LCD Module	V BY ONE , eDP(8 lines & 4 lines), LVDS*4 3840x2160
Input	Analog RGB(R, G, B Separate H, V Sync), Dual and single DVI, HDMI*2, DP, AUDIO
Max Resolution Support	4096X2160 (60Hz)
OSD Control	Menu, Select , Left, Right, Power(5 keys)
Plug & Play	VESA DDC 2B Ver1.3
Power Consumption	Supply Voltage : 18Vdc Power : 10 Watt (Board Only)
Signal Connector	Analog : DSUB 15P(R, G, B Separate H, V Sync) Digital : DVI-D 24P(TMDS) / HDCP Ver1.4 Audio : 2.5W + 2.5W (5Ω)
Board Size	W x H x D(mm) : 240 x 160 x 17



HI UHD TV

LCD Module	LVDS 1920X1200 60Hz 8bit(OPTION) V by one 3840X2160 60Hz(OPTION)
Input	Analog RGB(R, G, B Separate H, V Sync), HDMI 2.0*3(TMDS),HDMI 1.4*1(TMDS), CVBS(OPTION), COMPONENT(OPTION), DTV(OPTION),USB, AUDIO
Resolution Support	H: 31 ~ 135kHz / V: 55 ~ 76Hz
OSD Control	Input, Menu, Left, Right, Down, Up, Power(7 keys)
Plug & Play	VESA DDC 2B Ver1.4
Power Consumption	Supply Voltage : 12Vdc, 5Vdc Power : 2.0 Watt (Board Only)
Signal Connector	Analog : DSUB 15P(R, G, B Separate H, V Sync) Video(OPTION) : RCA(CVBS) Component(OPTION) : Y,Pb,Pr Digital : HDMI 2.0(TMDS) / HDCP Ver1.4 Audio : 5W x 5W, 15W x 15W(OPT) RF(OPTION) : ATSC
Board Size	W x H x D(mm) : 220X110X16



HR601U

LCD Module	V by one , eDP(8 lines & 4 lines) 3840x2160
Input	Analog RGB(R, G, B Separate H, V Sync), DVI, HDMI, DP, AUDIO
Max Support Resolution	3840X2160 (60Hz)
OSD Control	enu, Select, Down, Up, Power(5 keys)
Plug & Play	VESA DDC 2B Ver1.3
Power Consumption	Supply Voltage : 12Vdc Power : 10 Watt(Board Only)
Signal Connector	Analog : DSUB 15P(R, G, B Separate H, V Sync) Digital : DVI-D 24P(TMDS) / HDMI 2.0(TMDS), Display Port / HDCP 1.4, 2.2, Audio : 5W + 5W (8 Ω)
Board Size	W x H x D(mm) : 165 x 100 x 18

AD BOARD

Monitor or TV Panel Control Module

MEDIA



HI MEDIA

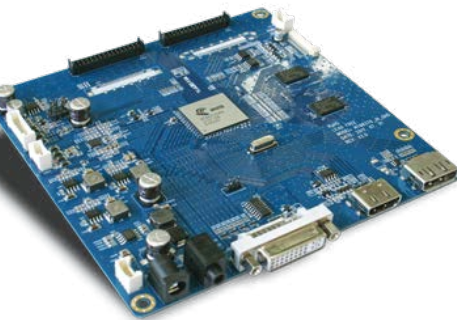
LCD Module	LVDS 1024X768
Input	USB, AUDIO
Resolution Support	H: 31 ~ 80kHz / V: 55 ~ 76Hz
Plug & Play	VESA DDC 2B Ver1.4
Power Consumption	Supply Voltage : 12Vdc / Power : 1.6 Watt
Board Size	W x H x D(mm) : 137 x 40 x 12



HI DMPS

LCD Module	LVDS 1920x1080
Input	Analog RGB(R, G, B Separate H, V Sync), HDMI, USB, AUDIO
Resolution Support	H: 31 ~ 80kHz / V: 55 ~ 76Hz
OSD Control	Input, Menu, Left, Right, Down, Up, Power(7 keys)
Plug & Play	VESA DDC 2B Ver1.3
Power Consumption	Supply Voltage : 12Vdc / Power : 2.5 Watt
Signal Connector	Analog : DSUB 15P(R, G, B Separate H, V Sync) Digital : HDMI(TMDS) / HDCP Ver1.2 Audio : 5W + 5W
Board Size	W x H x D(mm) : 130 x 79 x 17

QHD



HI QHD

LCD Module	LVDS Quad, eDP 2.7G, V by one - 2560x1600
Input	DVI-I(Dual Link)x1 - RGB Support, HDMIx1, DPx1
Resolution Support	H: 31 ~ 80kHz / V: 55 ~ 76Hz
OSD Control	Menu, Select, Down, Up, Power (5 Keys)
Plug & Play	VESA DDC 2B Ver1.3
Power Consumption	Supply Voltage : 12Vdc / Power : - (Board Only)
Signal Connector	Analog : DVI-I (RGB Support) (R, G, B Separate H, V Sync) Digital : DVI-I(Dual Link) HDMI : HDMI 1.4a / HDCP V1.1 DP : DisplayPort V1.2 / Audio : 3W + 3W
Board Size	W x H x D(mm) : 140 x 145 x 17
Support	PIP Window up to 1920x1080 Flip / Mirror Display

FRC BOARD

Frame Rate Convertor - 120H

MULTI VISON



HN800

LCD Module	LVDS Quad , V by one - 3840x2160
Input	HDMIx3, DPx2, OUTPUT DPx1,RS232
Resolution Support	H: 31 ~ 80kHz / V: 55 ~ 76Hz
OSD Control	POWER,CH+,CH-,VOL+,VOL-,MENU,INPUT(7 keys)
Plug & Play	VESA DDC 2B Ver1.3
Power Consumption	Supply Voltage : 12Vdc / Power : - (Board Only) HDMI : HDMI 1.4a / HDMI 2.0 / HDCP V1.4 DP : DisplayPort V1.2 / Audio : 3W + 3W
Board Size	W x H x D(mm) : 200 x 155 x 15
Support	PIP Window up to 1920x1080 Flip / Mirror Display

FHD FRC



HI FRC CN

LCD Module	LVDS 1920x1080 @120Hz
Input	FULL HD 1920X1080
Resolution Support	H: 31 ~ 80kHz / V: 55 ~ 76Hz
Power Consumption	Supply Voltage : 12Vdc Power : 4.0 Watt (Board Only)
Board Size	W x H x D(mm) : 90 x 85 x 13

UHD FRC



HI FRC 4KN

LCD Module	V by One 120hz – 4K2K
Input	V by One 60hz
Power Consumption	Supply Voltage : 12Vdc Power : - (Board Only)
Signal Connector	V by One out : 3840x2160 120hz (51p, 41p) V by One in : 3840x2160 60hz (51p)
Board Size	W x H x D(mm) : 135 x 115 x 12

ANDROID BOARD

LED DRIVER

LED Backlight Inverter Control Module



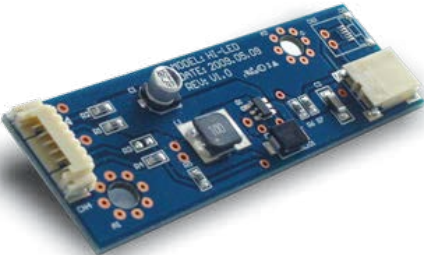
DROID BOX_V3.0

LCD Module	LVDS 1ch Support
Input	Micro SD, USB 2.0 x5, LAN, HDMI OUTPUT, Wi-fi
Main IC	Rockchip RK3368
	Octa-core ARM Cortex-A53 MPCORE
	PROCESSOR
DDR3	4G x 2 = 8G DDR3 1600Mb/s
eMMC	8G
Android Version	Android 5.1.1 [Lollipop]
Power Consumption	Supply Voltage : 12Vdc
	Power : -
Board Size	W x H x D(mm) : 180 x 63 x 17



DROID BOX_V2.0

LCD Module
Input
Main IC
DDR3
eMMC
Android Version
Power Consumption
Board Size



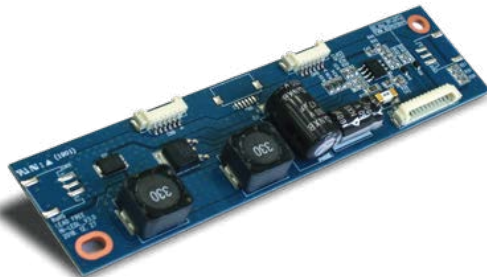
HI LED S

MAIN IC
Maximum using watt
Standby Power
Advantage
Board Size



HI LED M

MAIN IC	BITEK / BIT 3251
Maximum using watt	15W
Standby Power	Less then 0.12W (DC12V)
Advantage	Up to 92% Efficiency, Soft-Start, PWM Dimming
Board Size	W x H x D(mm) : 65 X 40 X 10



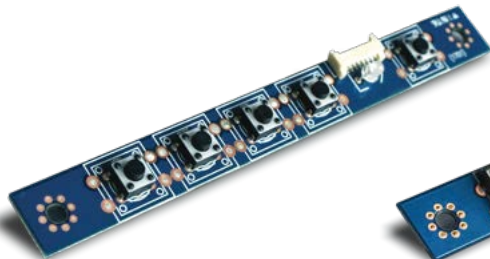
HI LED L

MAIN IC	ITEK / BIT 3251
Maximum using watt	40W
Standby Power	Less then 0.072W (DC12V)
Advantage	Up to 92% Efficiency, Soft-Start, PWM Dimming
Board Size	W x H x D(mm) : 120 X 30 X 12

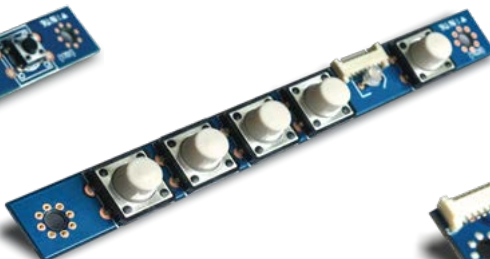
INTERFACE SOLUTIONS

Panel Signal Interface Transform

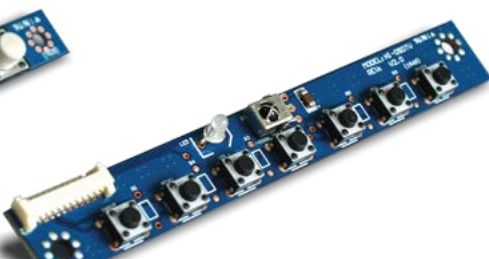
OSD



OSD 5KEY

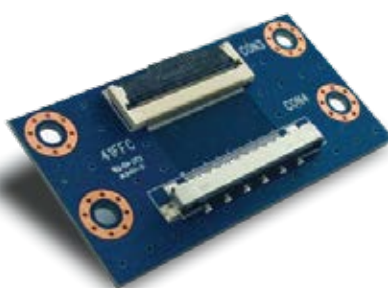


OSD 5KEY (INDUSTRIAL)



OSD 7KEY

FFC



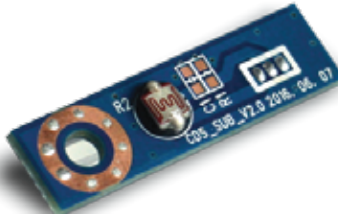
41P FFC



51P FFC



OSD IR BOARD



OSD CDS

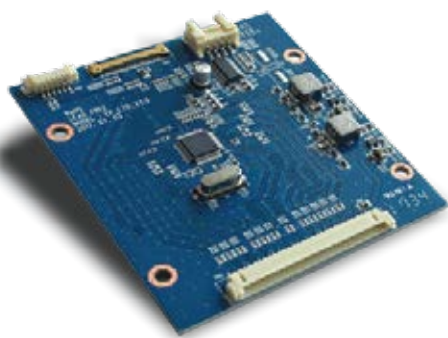
SUB BOARD



HI AMP



HI POWER



EP LTD

RS232



RS232 Column1



RS232 Column2



RS232 SMD TYPE



LVDS TO MPI



FIRMWARE DOWNLOAD TOOL



INDUSTRY ASS'Y

CABLE



DVI CABLE



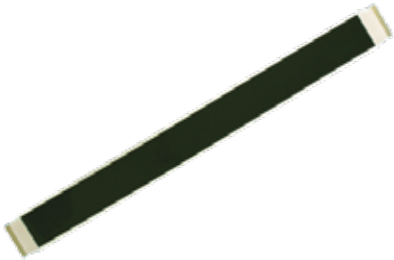
RGB CABLE



HDMI CABLE



POWER CORD



51P FFC CABLE



41P FFC CABLE

SPEAKER



NB-04201-01



NB-04301-15



EB-07405-01



8Ω15W



REMOTE CONTROL



REMOCON

