

Best evaluation board for all device development that is limited with electric power

GOJYO-HG evaluation board

Intel® Atom™ Processor E660

OS : Linux

RoHS

Intel® Atom™ E660	DDR2 1GB
5inch LCD	WSVGA1024 × 600
USB /LAN	SATA(Gen II)
MicroSD	Sensor
Audio I/O	CLK Gen / PM IC



Please inquire the price and leadtime

●BDI005

Because the product under development, all configurations are subject to change without notice. Please inquiry any other OS support except Linux.

Features

1 Able to develop application on Atom E660 at once

Includes Linux bootable HDD and Linux environment. Able to develop application at once when separate OS boot up process.

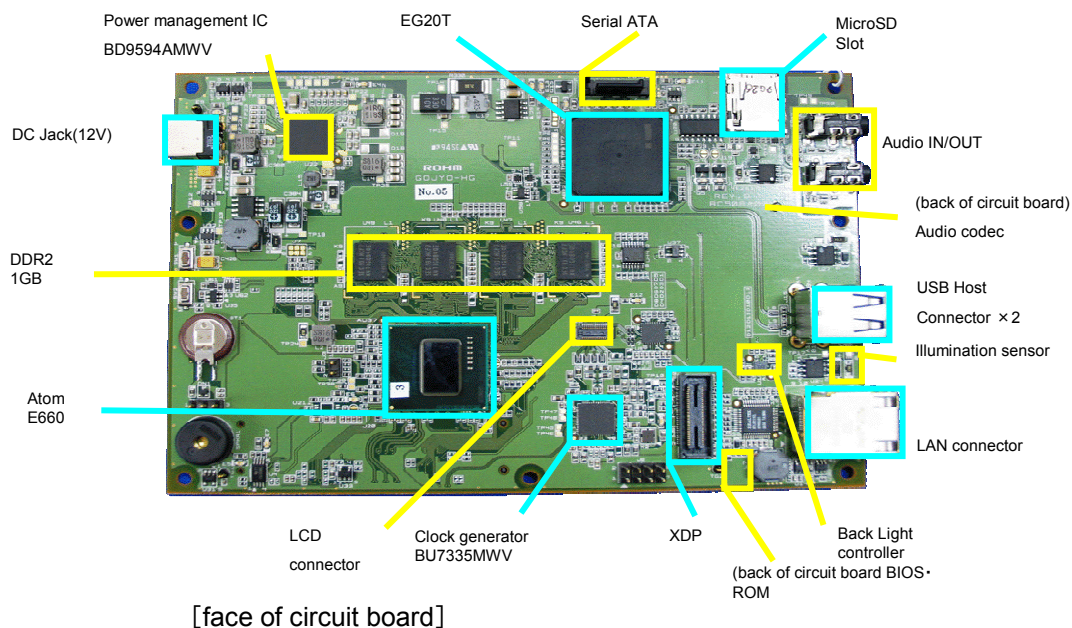
2 Able to build [prototype] at once

Equipped with extension connector as UART, I2S, PCM etc. Moreover, includes circuit diagram, parts list etc, therefore, able to develop original prototype at once.

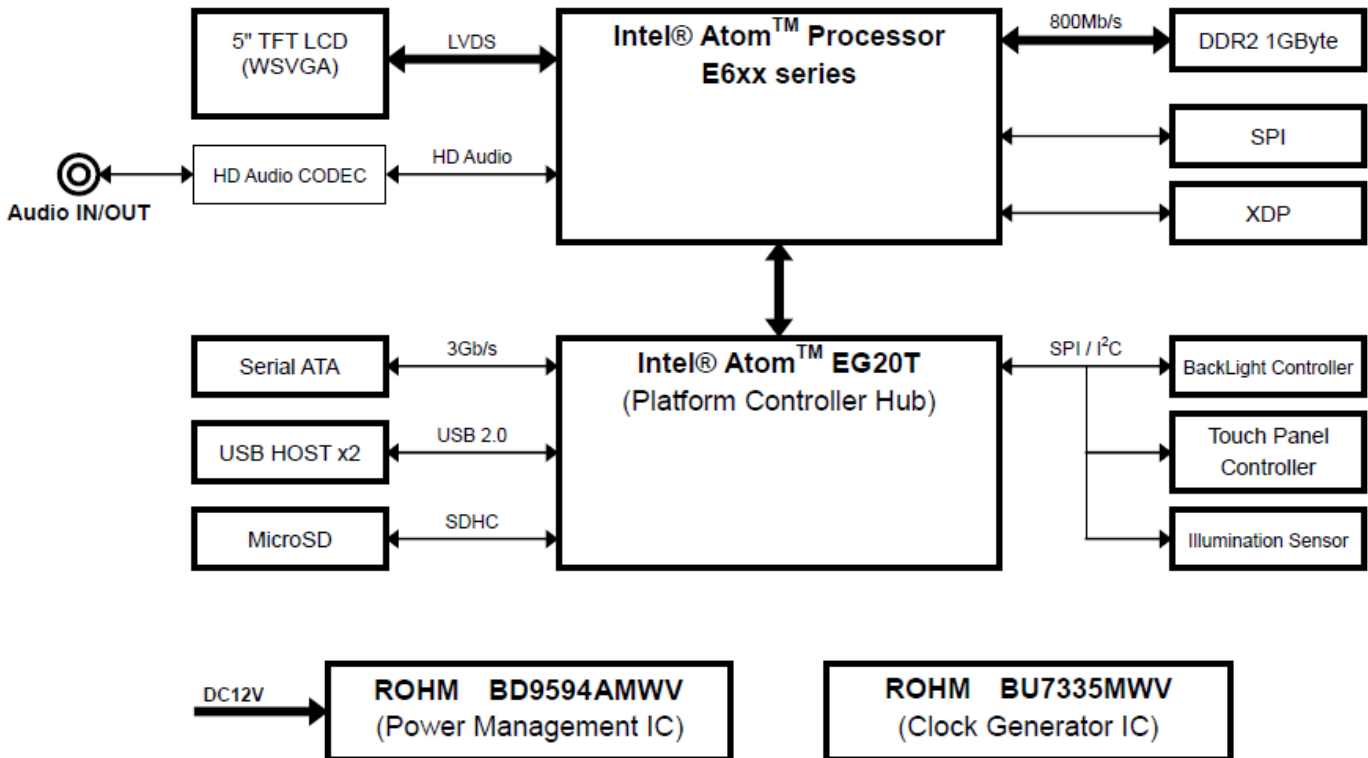
3 Evaluate platform at once

Able to evaluate platform by using this board. For more easier to confirm working, we will install Linux to HDD before shipping to user. For more engineers can use this platform, we cut down the price and make it works more effective.

Main interface



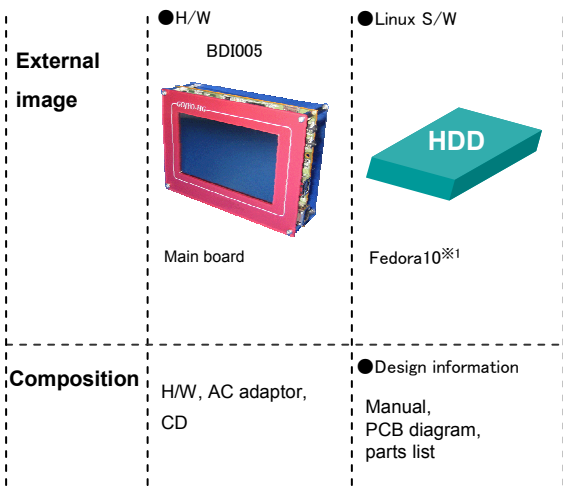
Block Diagram



H/W specification

Evaluation board spec		RoHS
H/W	LCD 5.0 inch standard type	
CPU	Intel® Atom™ Processor E660	
IOH	Intel® PCH EG20T	
HDD	320GB	
Memory	DDR2-800 SDRAM 1GB	
LCD	Display type	5 inch color TFT LCD
	Resolution	WSVGA(1024 x 600 dot)
Sensor	Illumination sensor	
I/F	Card slot	Micro SD slot
	USB	HOST 2ch (A connector)
Serial ATA	Serial ATA connector	
Sound	Input	MIC in Jack
	Output	Stereo lineout Jack
Debug	XDP connector	
Power	External power	DC12V (±5%)
Board size	W155mm×D110mm×H44mm. (exclude projection part)	

Configurations



*1Excludes development environment for software.

RoHS

Caution

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- All configurations are subject to change without notice

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Option development environment

●SCD001

EJST JTAG for debugging H/W and S/W



Brush-up BSP source for prototype development

JTAG H/W, AC adaptor
Please inquire price

©WATCHPOINT debugger [SCM0910E]
©Support Service [SSSEN]

©Linux WP add-in soft for Linux loadable kernel module [U42499E]