

## Display Matrix - Chilin Tech E Paper

Q1 2011

Item/Model Name	EG020AS012	EM030AS011	EQ030AT011	EW074AS182	PX081AT011	PZ102AT011
Size	2"	3" Wide	3" QVGA	7.4"	8.1"	10.2"
Status	MP	ES	ES	ES	WS	WS
Outline (mm)	57x28.8x1.1	79.1x45.8x1.1	69.2x60.4x1.1	169x111x1.2	177.34x132.88x1.2	218.3x171.76x1.2
Resolution	200x96	304x176	320x240	480x800	768x1024	1280x1024
C/R	7	7	7	7	7	7
Interface	SPI	SPI	SPI	SPI	SPI	SPI
Operating Temp	0 ~ 50C	0 ~ 50C	0 ~ 50C	0 ~ 50C	0 ~ 50C	0 ~ 50C
Storage Temp	(-)20 ~ 60C	(-)20 ~ 60C	(-)20 ~ 60C	(-)20 ~ 60C	(-)20 ~ 60C	(-)20 ~ 60C
Grayscale Level	1 bit	1 bit	1 bit	1 bit	1 bit	1 bit
Rrefresh Time(room temp)	1.5s with ATMEL	3.2s with Epson S1C17	1.7s	2s	2.9s	3.25s
Pixel Pitch	0.229x0.229(111dpi)	0.217x0.217(117dpi)	0.1905x0.1905(133dpi)	0.202x0.202(126dpi)	0.16x0.16(159dpi)	0.15875x0.15875(160dpi)
Pin Number	40pins	40pins	37pins	10pin ACES 88297	10pin ACES 88297	10pin ACES 88297
Power(VDD/VAA)	3V	3V	3.3V	3.3V	3.3V	3.3V
FPC	0.5pitch w stiffener	0.5pitch w stiffener	0.3pitch Molex 501628-3781	2 pc(40pin x 2)	40pin	40pin