

# Replacement for Mitsubishi TFT AA080MB01

## Specification Mitsubishi TFT AA080MB01

Outline dimensions	192 x 122 x 8.9
Resolution	800 x 480
Pixel Pitch	0.2175 x 0.2175
Brightness	1200 cd/m <sup>2</sup>
Viewing Angles	80/80/80/80
Surface treatment	Anti-glare und hard-coating 3H
Interface	LVDS (6bit/8bit)

## Specification Replacement by Tianma

Aussendimensionen	192×122×7.5
Auflösung	800 x 480
Pixel Pitch	0.2175 x 0.2175
Display Mode	Normally white
Helligkeit	1000 cd/m <sup>2</sup>
Sichtwinkel	88/88/88/88
Oberflächenbehandlung	Anti-glare
Interface	LVDS

## LCD Signal

No.	Name	Symbol	Pin Function Description
1	VCC	P	Power supply(+3.3V)
2	Reset	P	Reset in
3	Standby	P	Standby mode setting pin
4	GND	P	Ground
5	Link 0-	I	LVDS data 0-
6	Link 0+	I	LVDS data 0+
7	GND	P	Ground
8	Link 1-	I	LVDS data 1-
9	Link 1+	I	LVDS data 1+
10	GND	P	Ground
11	Link 2-	I	LVDS data 2-
12	Link 2+	I	LVDS data 2+
13	GND	P	Ground
14	CLKIN-	I	LVDS clock-
15	CLKIN+	I	LVDS clock+
16	GND	P	Ground
17	Link 3-	I	LVDS data 3-
18	Link 3+	I	LVDS data 3+
19	Mode	I	L: 6bit H: 8bit
20	SC	I	Scan direction control

## Backlight signal

Pin NO.	Symbol	Note
1	NL	Power Supply Input Voltage
2	NL	Power Supply Input Voltage
3	GNDL	Ground
4	GNDL	Ground
5	BLEN	Backlight ON-OFF (High:ON,Low:OFF)
6	V PDIM	Backlight ON-OFF (High:ON,Low:OFF)