



ÖZDİSAN ELECTRONIC A.Ş.

OZD-630A-HS070-H01-S01

7" Analog intercom board

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Özdisan Electronic R&D and Technical Support Department

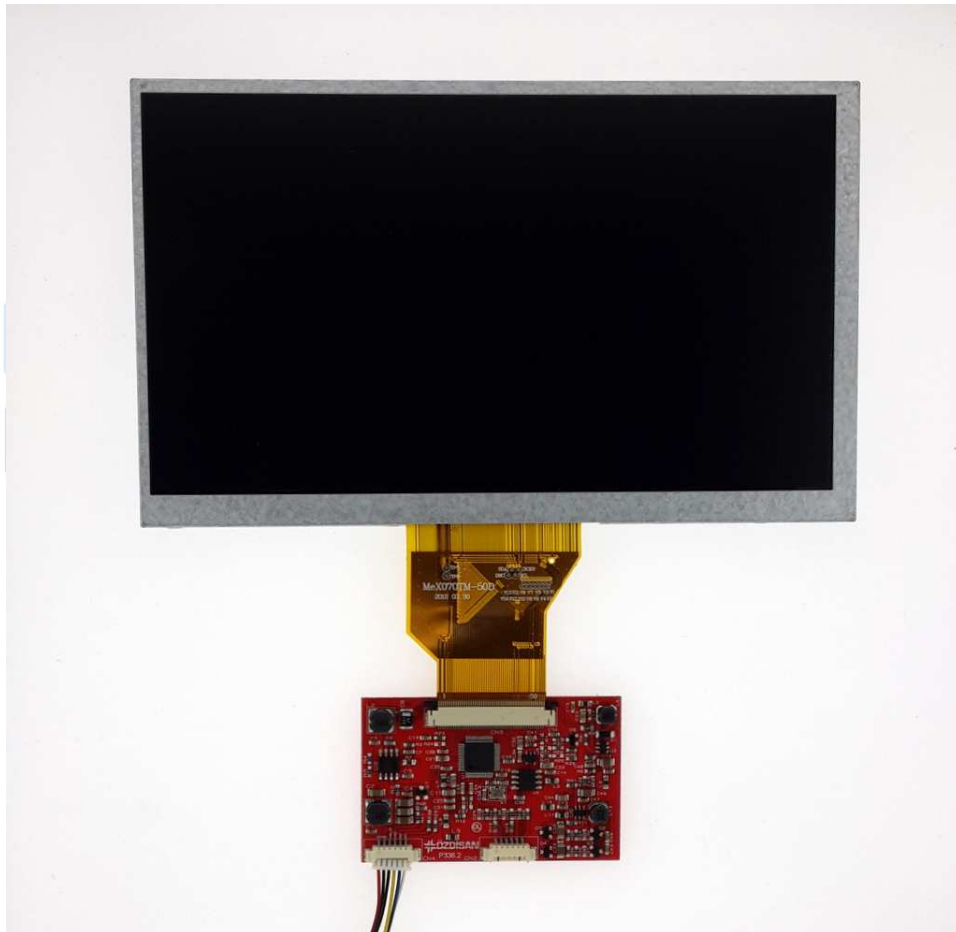
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1. INTRODUCTION

This board supports PAL and NTSC system which can be automatically converted. The whole module use high light white LED as backlight, which has low consumption and disturbances. This TFT module can be used for visual doorbell, video telephony, automotive displays, portable DVD, instruments, meters and measuring equipment and etc.

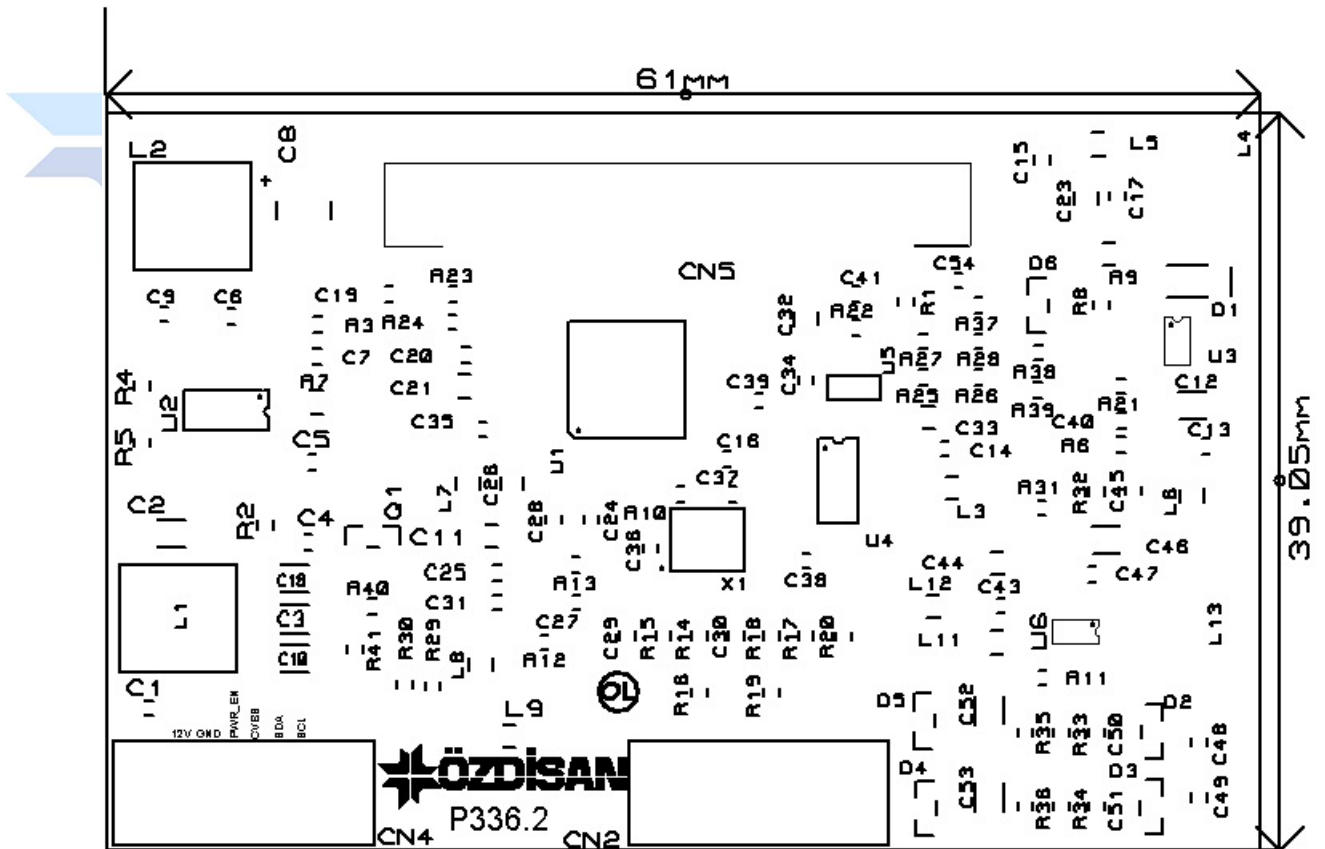
2. PRODUCT PICTURE



3. MAIN PARAMETERS

TFT Brand	HS Digital Panel
Resolution	800X480
Aspect Ratio	16:9
Working Voltage	DC 9-18V(standard:DC12V)
Working Current(DC12V)	195mA ± 10mA
Power consumption	<2.5W
Signal System	PAL/NTSC
Scope of video signal input	standard value : 1.0 Vp-p min value: 0.5Vp-p max value:2.0 Vp-p
Startup time	<1.8 Second
Working temperature	-20°C-60°C
Storage temperature	-40°C-70°C

4. DIMENTIONS



5. INTERFACE

CN4: 6-wire leads out (1.25mm pitch) for Power, Video and I2C communications.

Pin	Symbol	Definitions
1	VCC	9-18V DC
2	GND	Power Ground
3	EN	Power Enable "0" on "1" off
4	CVBS	PAL/NTSC Video input
5	SDA	*I2C Port
6	SCL	*I2C Port

*I2C port is using for changing AMT630A(Video Decoder IC) registers.

CN2: 6-wire leads out (1.25mm pitch) for adjustment

Pin	Symbol	Definitions	Resistance
1	COL-	Color VR(-)	10-50K
2	COL	Color VR	10-50K
3	COL+	Color VR(+)	10-50K
4	BRT-	Brightness VR(-)	10-50K
5	BRT	Brightness VR	10-50K
6	BRT+	Brightness VR(+)	10-50K

