

bbs bild- u. lichtsysteme GmbH

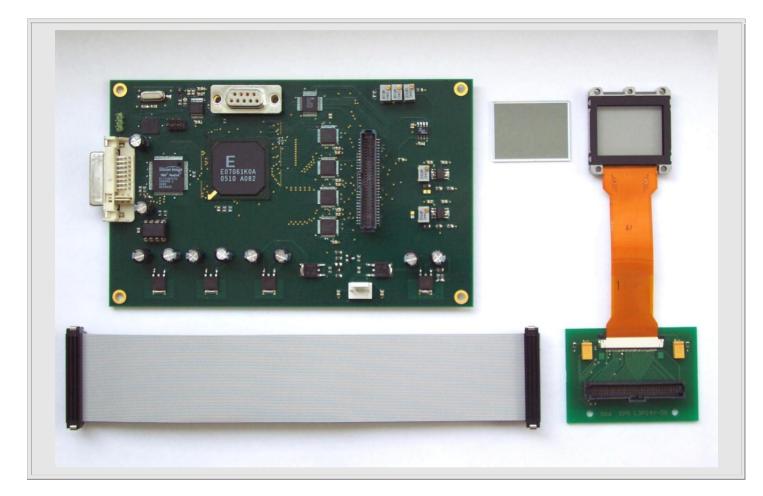
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HRB-Nr. 74409, Registergericht München, 05.10.1984 Geschäftsführer: Gerhard Brugger DE 131 169 574

EPSON LCD-Kit DVI 12 bit digital

1400 x 1050 pixels (SXGA+) 1920 x 1080 pixels (HDTV) or Epson panel, LCD-controller, adapter board, 2 polarizers, flex cable

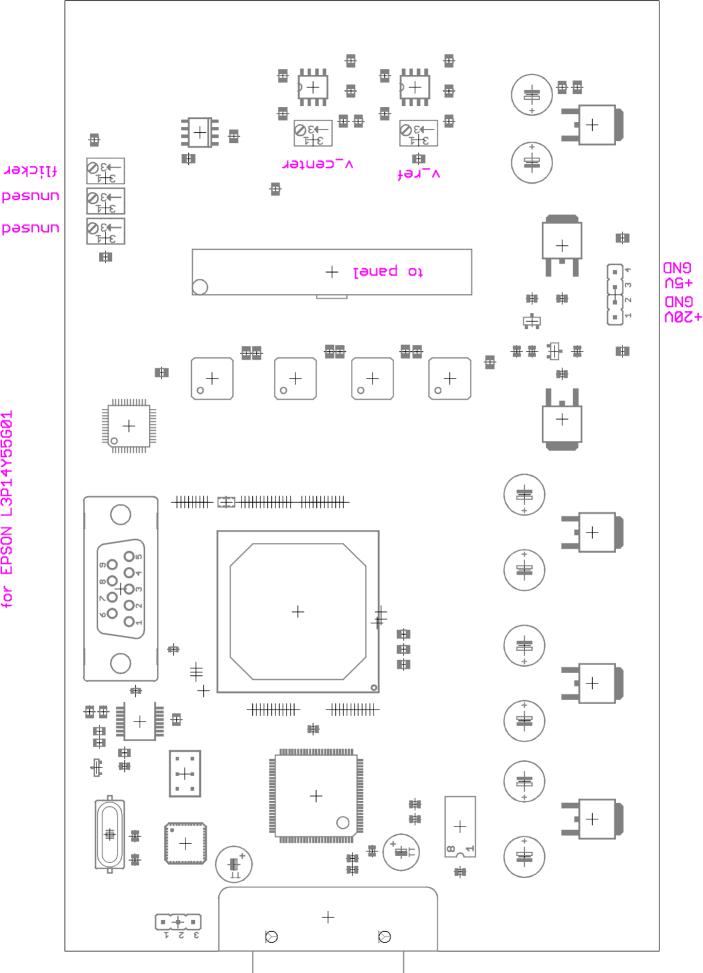


Specifications:

video signal from DVI socket	1400 x 1050 pixel (EPSON L3P14Y-55G00R) or				
	1920 x 1080 pixel (EPSON L3D13U - 1,3inch)				
power supply	+ 5V (+/- 3%), stabilised, 0,7A				
	+20V (19-25V), stabilized, 0,5A				
Photo software available	necessary for exposing photographic paper				
	to compensate panel shading and gradation.				
dimensions controller	160 x 100 mm				
dimensions flexible circuit adapter	42 x 58 mm				
Settings (by software)	mirror: left + right				
	mirror: up + down				

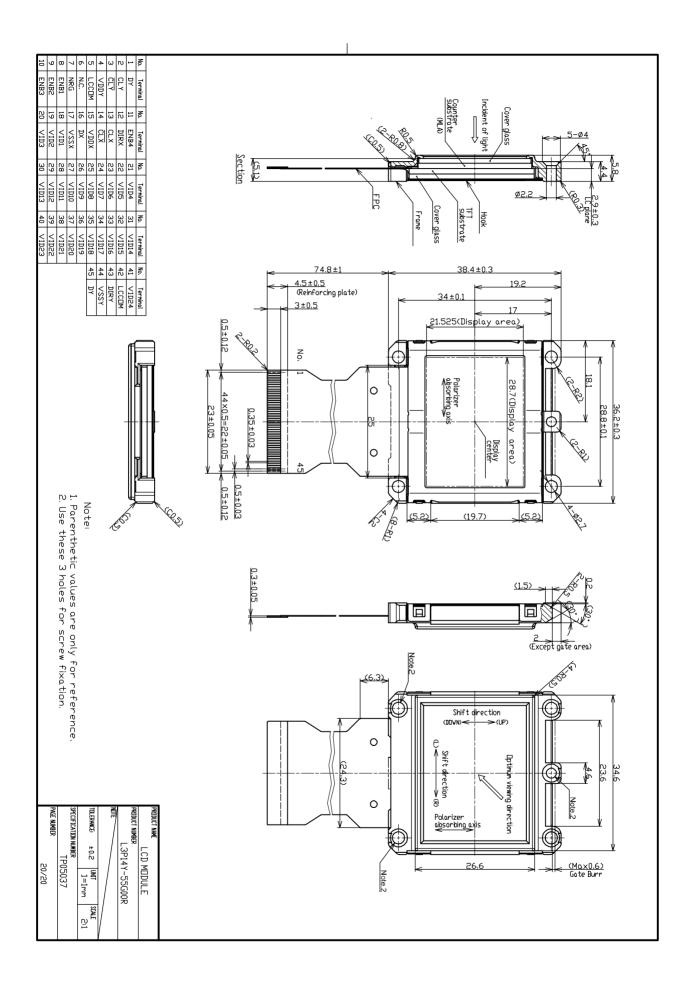
Bit assignment:	12bit	11(msb)	10	9	8	7	6	5	4	3	2	1	0(lsb)
12 bit digital LCD Controller	RGB	G7	G6	G5	G4	G3	G2	G1	G0	B7	B6	B5	B4

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for EPSON L3P14Y55601

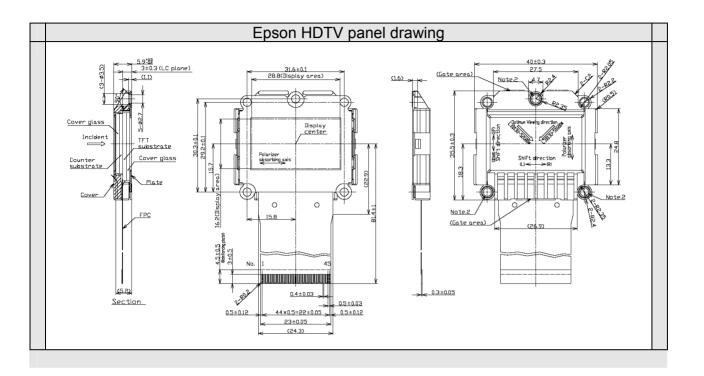
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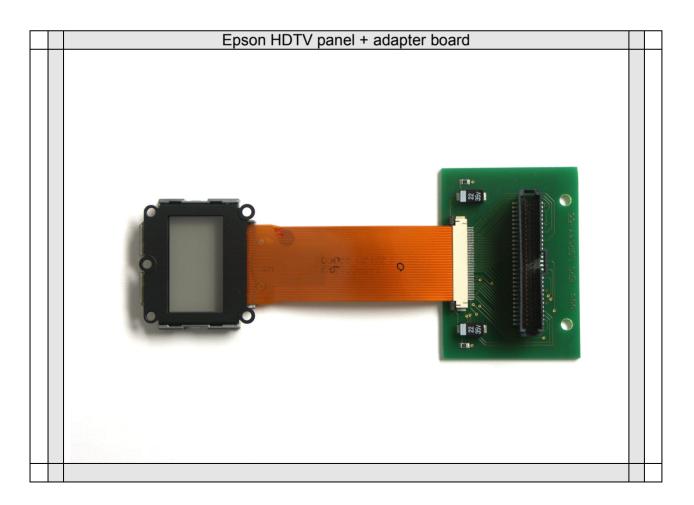


Spec	ification No.		TP05037		Page 12/20
Product n	ame LCD	MODULE	Product No).	L3P14Y-55G00R
(1) Condition		hen viewed fron cal fiber used) vhen measured c projection lens l	enter of projection so F#2.0, lamp UHP120	creen image. W)	
Tolerance	a Polate bsorbing axis: vertical a	chno SHC-128 against the displa al against the dis g axis : within	splay area on the out $\pm 2.5^\circ$	e outgoing side side and tgoing side.	e.
Condition 1:	The contrast ratio CR	is defined as f	ollows;		
CR =	[(Screen luminance	at video termina	I 0 volt) — (Enviro	onmental lumir	nance)]
011 -	[(Screen luminance	at video termina	I 5 volt) — (Enviro	onmental lumir	nance)]
ן ג ל ל ל ל ל ל ל ל ל ל ל ל ל ל ל ל ל ל	In accordance to the pan n the normalized transmi anel central transmittance when the input voltage t erminal is 0 volts. /90, V50, and V10 signi he panel video terminal 20% and 10% normalized	ttance means the e is defined as f to the panel vide fy input voltage that provide a	e as shown in Fig.A, 100% eo of 90%, respectively.	Nomatzed transmitta	190 V50 V10 put voltage V nel Contrast Curve
Condition 3:	This shows the optical when the applied voltage			ransmittance k	become 10%
Condition 4:	This shows the optical when the applied voltage	•		ransmittance k	become 90%
Condition 5:	The total display, Th when the normalized tra		•	asured by pho	to multiplier
	F =	$20 \times \text{Log} \frac{30 \text{Hz}}{\text{DC} - 1}$	-component dB		
Condition 6:	The ratio of the outgo (TIN nit) when the par				ent light brightness
	T =	TOUT × 1	100 %		
	SEI	KO EPSON (CORPORATION		

EPSON LCD L3D13U

1920 x 1080 pixels (HDTV)





bbs EPSON Polarizer Drawing

