

## JED Microprocessors Pty. Ltd., guide to display interfaces to Sharp flat panel products, 9/12/1994 Esis PL 02 9416 8032

**AT350E** ISA-bus display controller: 65530 controller, 256 kByte RAM, no frame buffer, 640 by 480 by 16 colour. **AT350H** is same with 512 kByte RAM. **AT350EV** and **AT350HV** are 256 k and 512 k versions with added Video RAM frame buffer, needed for some Simulscan™ displays.

Display type	Display number	ISA Bus controller	Simulscan available	Back panel adaptor	Backlight adaptor	Cable supplied, J351 to display.
LCD Black & white Monochrome 9.4" (VGA 640 by 480)	LM64P80 series, single tube, (P81 150mS, P83 400mS, K83 400mS transfective)	<b>AT350E</b> (16 grey or 16 colour)	AT350VH or AT350VE	<b>J351CM</b> (inc negative backplane inverter)	<b>J351FM</b> , with TDK backlight inverter (1 Tube)	15-pin Single Molex
LCD Passive Colour 9.4" (VGA 640 by 480)	LM64C08P (2 tube) LM64C142 (1 tube)		or	Not available	<b>J351CP</b> (inc positive backplane inverter)	<b>J351FP2</b> (2 Tube) <b>J351FP1</b> (1 Tube)
LCD Active Colour (TFT) 8.4" (VGA 640 by 480)	LQ9D011 (2 tube) LQ9D021 (1 tube) ****	<b>AT350H</b> (256 colour or 64 grey)	Either	<b>J351CT</b>	<b>J351FT2</b> (2 Tube) <b>J351FT1</b> (1 Tube)	15-pin & 6-pin Hirose
LCD Active Colour (TFT) 10.4" (VGA 640 by 480)	LQ10D021 (2 tube) ****		Either		<b>J351FE</b> , (2 tube) with ERG backlight inverter	
LCD Active Colour (TFT) 10.4", ( 4 bits/pixel) (VGA 640 by 480)	LQ10D311 **** (**** Check for new versions.)	<b>AT350H</b> (256 colour)	AT350H only			15-pin, 6-pin & 14-pin Hirose
Electroluminescent panel High brightness double scan, (VGA 640 by 480) 10.4"	LJ64H052 (Not grey-scale)	<b>AT350E</b> (16 grey)  or  <b>AT350H</b> (64 grey)	AT350VE only	<b>J351CH</b> 12 volt (no inverter)		20-pin Hirose
Electroluminescent panel 16-level Grey scale, (VGA 640 by 480) 9.4"	LJ64ZU51		Either	<b>J351B24</b> 24 volt inverter		26-pin IDC
Electroluminescent panel 16-level Grey scale, (VGA 640 by 480) 10.4"	LJ64ZU52		Either	<b>J351B12</b> 12 volt (no inverter)		26-pin IDC
Electroluminescent panel (1024 by 768) 12.5"	LJ024U35	<b>AT350H</b>	Not available	<b>J351A</b> with frame store and re-synchroniser. (50-pin AT350H to J351A internal cable only.)		Flat Film

Note: AT350 to J351 cables NOT supplied. These can be 2 metre max. D25 to D25 round cables (external), then D25 to 26-IDC in display case, or 2 metre max 26-IDC to 26-IDC internal, or can be 5 meter max. 40-way internal only IDC-IDC. (Simulscan is a trade mark of Chips and Technologies Inc.)