

EPSON Controllers

S1D13505F00A 8bit I/F,
16bit I/F,
Direct addressing 4-bit / 8-bit 4-bit / 8-bit / 16-bit 9-bit / 12-bit / 18-bit VGA MSTN: 16
grayscale
CSTN: 4K colors
TFT: 64K colors Up to 2MB External EDO-RAM CRT support QFP15-128

S1D13506F00A 8bit I/F (with external logic),
16bit I/F,
Direct addressing 4-bit / 8-bit 4-bit / 8-bit / 16-bit 9-bit / 12-bit / 18-bit VGA MSTN: 64
grayscale
CSTN: 64K colors
TFT: 64K colors Up to 2MB External EDO-RAM CRT or NTSC, PAL support,
2D BitBLT QFP15-128

S1D13700F02A 8bit I/F,
Direct addressing, Indirect addressing 4-bit n/a n/a QVGA MSTN: 16 grayscale 32KB Internal
SRAM 3 overlay screens TQFP13
-64

S1D13705F00A 8bit I/F (with external logic), 16bit I/F,
Direct addressing 4-bit / 8-bit 4-bit / 8-bit 9-bit / 12-bit QVGA MSTN: 16 grayscale
CSTN: 256 colors
TFT: 256 colors 80KB Internal SRAM SwivelView QFP14-80

S1D13706F00A 8bit I/F
(with external logic),
16bit I/F,
Direct addressing 4-bit / 8-bit 4-bit / 8-bit / 16-bit 9-bit / 12-bit / 18-bit QVGA MSTN: 64
grayscale
CSTN: 64K colors
TFT: 64K colors 80KB Internal SRAM SwivelView,
Picture in picture TQFP15-100

S1D13742F01A 8bit I/F,
16bit I/F,
Indirect addressing n/a n/a 18-bit VGA TFT: 256K colors 768KB Internal SRAM SwivelView
QFP20-144

S1D13742B01C 8bit I/F,
16bit I/F,
Indirect addressing n/a n/a 18-bit VGA TFT: 256K colors 768KB Internal SRAM SwivelView
FCBGA8-121

S1D13743F00A 8bit I/F,
16bit I/F,
Indirect addressing n/a n/a 18-bit / 24-bit WQVGA TFT: 16M colors 464KB Internal SRAM
SwivelView QFP20-144
S1D13743B00C 8bit I/F,
16bit I/F,
Indirect addressing n/a n/a 18-bit / 24-bit WQVGA TFT: 16M colors 464KB Internal SRAM
SwivelView FCBGA8-121

S1D13745A01B 8bit I/F,
16bit I/F,
Indirect addressing n/a n/a 18-bit / 24-bit WVGA TFT: 16M colors 1280KB Internal SRAM
NTSC, PAL support,
Color Management System PFBGA8-161
S1D13748F00A 16bit I/F,
Indirect addressing n/a n/a 18-bit / 24-bit WVGA TFT: 64K colors 1024KB Internal SRAM
Picture in picture QFP20-144

S1D13748B00B 16bit I/F,
Indirect addressing n/a n/a 18-bit / 24-bit WVGA TFT: 64K colors 1024KB Internal SRAM
Picture in picture PFBGA10-121

S1D13774B01B 18bit I/F,
Indirect addressing,
I2C n/a n/a 18-bit / 24-bit WVGA TFT: 16M colors 1280KB Internal DRAM Video Input I/F
Auto Movie Enhancement VFBGA7-161

S1D13A04F00A 8bit I/F
(with external logic), 16bit I/F,
Direct addressing 4-bit / 8-bit 4-bit / 8-bit / 16-bit 9-bit / 12-bit / 18-bit QVGA MSTN: 64
grayscale
CSTN: 64K colors
TFT: 64K colors 160KB Internal SRAM 2D BitBLT,
SwivelView,
USB client 1.1 TQFP15-128

S1D13A04B00B 8bit I/F
(with external logic), 16bit I/F,
Direct addressing 4-bit / 8-bit 4-bit / 8-bit / 16-bit 9-bit / 12-bit / 18-bit QVGA MSTN: 64
grayscale
CSTN: 64K colors
TFT: 64K colors 160KB Internal SRAM 2D BitBLT,
SwivelView,
USB client 1.1 PFBGA10-121

S1D13A05F00A 8bit I/F

(with external logic), 16bit I/F,
Direct addressing 4-bit / 8-bit 4-bit / 8-bit / 16-bit 9-bit / 12-bit / 18-bit QVGA MSTN: 64
grayscale
CSTN: 64K colors
TFT: 64K colors 256KB Internal SRAM 2D BitBLT,
SwivelView,
USB client 1.1 QFP5-128

S1D13A05B00B 8bit I/F
(with external logic), 16bit I/F,
Direct addressing 4-bit / 8-bit 4-bit / 8-bit / 16-bit 9-bit / 12-bit / 18-bit QVGA MSTN: 64
grayscale
CSTN: 64K colors
TFT: 64K colors 256KB Internal SRAM 2D BitBLT,
SwivelView,
USB client 1.1 PFBGA10-121