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Semiconductor Group

Intelligent Displays

Type	Features	PDF Size	Status
DLO 4135 DLG 4137 DLO 7135 DLO 7137	5x7 Dot Matrix Characters DLO4135/DLG4137: .43" High DLO7135/DLG7137: .68" High. Wide Viewing Angle ±75 deg. 96 Character ASCII Set Upper Case and Lower Case Characters. Fully Encapsulated, Rugged Solid Plastic Package. Built-in Memory. Built-in Character Generator. Built-in Multiplex and LED Drive Circuitry. Built-in Lamp Test. Intensity Control (4 levels). Microprocessor Bus Compatible. Intensity Coded for Display Uniformity. Single 5-Volt Power Supply. X/Y Stackable. Available in High Efficiency Red and Green	192 K	08.95
DLR 1414 DLO 1414 DLG 1414	Dot Matrix Replacement for DL1414T. 0.145" High, Dot Matrix Character. 128 Special ASCII Characters for English, German, Italian, Swedish, Danish, and Norwe-gian Languages. Wide Viewing Angle: X Axis ±50 deg,Y Axis ±75 deg. Close Vertical Row Spacing, 0.800" Centers. Fast Access Time, 110 ns at 25 deg C. Compact Size for Hand Held Equipment. Built- in Memory. Built-in Character Generator. Built-in Multiplex and LED Drive Circuitry. Direct Access to Each Digit Independently and Asynchronously. TTL Compatible, 5 Volt Power. Low Power Consumption, 20 mA per Charac-ter Typical. Intensity Coded for Display Uniformity. Extended Operating Temperature Range: -40 deg C to +85 deg C. End Stackable, 4-Character Package	224 K	08.95
DLR 2416 DLO 2416 DLG 2416	Dot Matrix Replacement for DL2416T. 0.200" 5 x 7 Dot Matrix Characters. 128 Special ASCII Characters for English, German, Italian, Swedish, Danish, and Norwegian Languages. Wide Viewing Angle: X Axis 50 deg Maximum, Y Axis ±75 deg Maximum. Close Multi-line Spacing, 0.8" Centers. Fast Access Time, 110 ns at 25 deg C Full Size Display for Stationary Equipment. Built-in Memory. Built-in Character Generator. Built-in Multiplex and LED Drive Circuitry. Direct Access to Each Digit Independently. and Asynchronously. Independent Cursor Function Memory Function: Clears Character and Cursor Memory Simultaneously. True Blanking for Intensity Dimming Applications. End-Stackable, 4-Character Package Intensity Coded for Display Uniformity. Extended Operating Temperature Range: -40 deg C to +85 deg C. Superior ESD Immunity. Wave Solderable. TTL Compatible over Operating Temperature. Interdigit Blanking	224 K	08.95
DLR 3416 DLO 3416 DLG 3416	Dot Matrix Replacement for DL3416. 0.270" 5x7 Dot Matrix Characters. 128 Special ASCII Characters for English, German, Italian, Swedish, Danish, and Norwe-gian Languages. Wide Viewing Angle: X Axis 50 deg Maximum, Y Axis ±75 deg Maximum. Close Vertical Row Spacing, 0.800" Centers. Fast Access Time, 110 ns at 25 deg C. Full Size Display for Stationary Equipment. Built-in Memory. Built-in Character Generator. Built-in Multiplex and LED Drive Circuitry. Each Character Independently Accessed. TTL Compatible, 5 Volt Power, V_{IH} =2.0 V, V_{IL} =0.8 V. Independent Cursor Function. Memory Clear Function. Display Blank Function for Blinking and Dim-ming. End-Stackable, 4-character Package. Intensity Coded for Display Uniformity. Extended Operating Temperature Range: -40 deg C to +85 deg C. Wave Solderable	224 K	08.95
DLR 5735	DLR/DLG 5735 Common Row Cathode. DLR/DLG 5736 Common Row Anode. 5x7 Matrix Array with Row-Column Select. End & Side Stackable. Rugged Encapsulation (Filled Reflector Con-struction). Compatible with ASCII and EBCDIC Format. Standard 12 pin, 0.3" Pin Spacing, Dual-ln-line Package. Good "OFF" Segment Contrast. Grey Face with Clear Segments	49 K	08.95
HDSP 2110S	Eight 0.200" Dot Matrix Characters in Red,Yellow, High Efficiency Red, Green, High Efficiency Green, or Soft Orange. Built-in 128 Character ROM Mask Programmable for Custom Fonts Readable from 8 Feet (2.5 meters). Built-in Decoders, Multiplexers and Drivers. Wide Viewing Angle, X Axis ±55 deg ,Y Axis ±65 deg. Programmable Features: - Individual Flashing Character - Full Display Blinking - Multi-Level Dimming and Blanking - Clear Function - Self Test. Internal or External Clock. End Stackable Dual-In-Line Plastic Package Read/Write Capability. 16 User Definable Characters	320 K	-
PD 2435	Four Dot Matrix Characters in High Efficiency Red, Red, and Bright Green - PD2435/6/7, 0.200" High - PD3535/6/7, 0.270" High - PD4435/6/7, 0.45" High. Built-in Memory, Decoders, Multiplexer and Drivers. Wide Viewing Angle, X Axis ±55 deg, Y Axis ±65 deg. Categorized for Luminous Intensity. 128 Character ASCII Format (Upper and Lower Case Characters). 8 Bit Bidirectional Data BUS. READ/WRITE Capability. Dual In-Line Package Configuration, 0.600" Wide, 0.100" Pin Centers. End-Stackable Package. Internal or External Clock. Built-in Character Generator ROM. TTL Compatible. Easily Cascaded for Multidisplay Operation. Less CPU Time Required. Software Controlled Features: - Programmable Highlight Attribute (Blinking, Non-Blinking) - Asynchronous Memory Clear Function - Lamp Test - Display Blank Function - Single or Multiple Character Blinking Function - Programmable Intensity Three Brightness Levels. Extended Operating Temperature Range: - PD243X, PD353X: -40 deg C to +85 deg C - PD443X: -40 deg C to +70 deg C	304 K	-
PDSP 1880	Eight 0.180" Dot Matrix Characters in Red, Yellow, High Efficiency Red, Green, or High Efficiency Green. Built-in 128 Character ROM, Mask Program-mable for Custom Fonts. Readable from 8 Feet (2.5 meters). Built-in Decoders, Multiplexers and Drivers. Wide Viewing Angle, X Axis ± 55 deg , Y Axis 65 deg . Programmable Features: - Individual Flashing Character Full Display Blinking - Multi-Level Dimming and Blanking - Clear Function - Self Test Internal or External Clock. End Stackable Dual-In-Line Plastic Package. Read/Write Capability 16 User Definable Characters	256 K	08.95
PDSP 2110	Eight 0.200" Dot Matrix Characters in Red,Yellow, High Efficiency Red, Green, High Efficiency Green. Built-in 2 Page, 256 Character ROM. Both pages are Mask Programmable for Custom Fonts. Readable from 8 Feet (2.5 meters) Built-in Decoders, Multiplexers and Drivers. Wide Viewing Angle, X Axis ±55 deg,Y Axis ±65 deg. Programmable Features: - Individual Flashing Character - Full Display Blinking - Multi-Level Dimming and Blanking - Clear Function - Lamp Test. Internal or External Clock. End Stackable Dual-In-Line Plastic Package	320 K	08.95
PLCD 5580S	Eight 0.145" (3.68 mm) High 5 x 5 Dot Matrix Char-acters in Red,Yellow, High Efficiency Red, Green, or High Efficiency Green. Built-in 2 Page, 256 Character ROM. Both Pages Mask Programmable for Custom Fonts. Built-in Decoders, Multiplexers and Drivers. Wide Viewing Angle, X Axis ±50 deg,Y Axis ±65 deg Programmable Features: Individual Flashing Character - Full Display Blinking - Multi-Level Dimming and Blanking - Clear Function - Lamp Test Internal or External Clock End Stackable Dual-In-Line Plastic Package. Low Power: 20% Less Power Consumption Than 5 X 7 Format	320 K	08.95
SCD 55100	Ten 0.145" (3.68 mm) 5x5 dot matrix charac-ters in red, yellow, high efficiency red, green, or high efficiency green. Optimum display surface efficiency (display area to package ratio). Low power-30% less power dissipation than 5x7 format. High speed data input rate: 5 MHz. ROMless serial input, dot addressable dis-play- ideal for user defined characters. Built-in decoders, multiplexers and LED drivers. Readable from 6 feet (1.8 meters). Wide viewing angle, X axis ±55 deg, Y axis ±65 deg. Attributes - 200 bit RAM for user defined characters - Eight dimming levels - Power down mode (<250 mW) - Hardware/software clear function - Lamp test. Internal or external clock. End-stackable dual-in-line plastic package. 3.3 V capability	192 K	08.95
SCD 5580	Eight 0.145" (3.68 mm) 5x5 dot matrix char-acters in red, yellow, high efficiency red, green, or high efficiency green. Optimum display surface efficiency (display area to package ratio). Low power-30% less power dissipation than 5x7 format. High speed data input rate: 5 MHz. ROMless serial input, dot addressable dis-play- ideal for user defined characters. Built-in decoders, multiplexers and LED drivers. Readable from 6 feet (1.8 meters). Wide viewing angle, X axis ±55 deg, Y axis ±65f. Attributes - 200 bit RAM for user defined characters - Eight dimming levels - Power down mode (<250 mW) - Hardware/software clear function - Lamp test. Internal or external clock. End-stackable dual-in-line plastic package. 3.3 V capability	160 K	08.95
SCDV 5540 / 172-182	Vertical Format, Four 0.123" (3.12 mm) 5 x 5 Dot Matrix Characters in Red,Yellow, High Efficiency Red, Green, or High Efficiency Green. Optimum Display Surface Efficiency (display area to package ratio). High Speed Data Input Rate: 5 MHz. ROMless Serial Input, Dot	192 K	08.95

SCDV 5540 / 183-	Addressable Display Ideal for User Defined Characters. Built-in Decoders, Multiplexers and LED Drivers. Readable from 6 Feet (1.8 meters). Wide Viewing Angle, X Axis ±55 deg, Y Axis ±55 deg. Attributes - 100 Bit RAM for User Defined Characters - Eight Dimming Levels - Power Down Model (<250 µW) - Hardware/Software Clear Functions - Lamp Test - Internal or External Clock. 3.3 V Capability	64 K	08.95
SCE 5780	Eight 0.180" (4.57 mm) 5 x 7 Dot Matrix Characters in Red,Yellow, High Efficiency Red, Green, High Efficiency Green, or Soft Orange. ROMless Serial Input, Dot Addressable Display Ideal for User Defined Characters. Built-in Decoders, Multiplexers and LED Drivers. Readable from 8 Feet (2.5 meters). Programmable Features: - Clear Function - Eight Dimming Levels - Peak Current Select (12.5% or Full Peak Current) - Prescaler Function (External Oscillator Divided by 16 or 1) - Internal or External Clock	320 K	08.95
SCF 5740	Four 0.270" (6.85 mm) 5 x 7 Dot Matrix Characters in Red, High Efficiency Red, High Efficiency Green. Optimum Display Surface Efficiency (display area to package ratio). High Speed Data Input Rate: 5 MHz. ROMless Serial Input, Dot Addressable Display Ideal for User Defined Characters. Built-in Decoders, Multiplexers and LED Drivers. Readable from 6 Feet (1.8 meters). Wide Viewing Angle, X Axis ±55 deg, Y Axis ±55 deg. Attributes - 140 Bit RAM for User Defined Characters - Eight Dimming Levels - Power Down Model (<250 µW) - Hardware/Software Clear Functions - Internal or External Clock	128 K	08.95
SLR 2016 SLO 2016 SLG 2016 SLY 2016	Very Close Multi-line Spacing, 0.4" Centers. 0.180" 5x7 Dot Matrix Characters. 128 Special ASCII Characters for English, man, Italian, Swedish, Danish, and Norwegian Languages. Wide Viewing Angle: X axis 50 deg Maximum, Y Axis ±75 deg Maximum. Fast Access Time, 110 ns at 25fC Full Size Display for Stationary Equipment Built-in Memory. Built-in Character Generator. Built-in Multiplex and LED Drive Circuitry. Direct Access to Each Digit Independently and Asynchronously. Clear Function that Clears Character Memory. True Blanking for Intensity Dimming tions. End-stackable, 4-character Package. Intensity Coded for Display Uniformity. Extended Operating Temperature Range: -40 deg C to +85 deg C Superior ESD Immunity. 100% Burned-in and Tested Wave Solderable. TTL Compatible over Operating Temperature Range	224 K	08.95