Interfacing LCD Modules to the AT89C52 MCU The Parallel 8Bit(6800 Series MCU)Reference Example D D P3.2 0V 1_{VSS} Data/Instruction selected pin XTAL1 RS C2 22 P2.1 Read/Write signal 10U**E** R/W 23 P2.2 0.1UF E signal Y1 +5.0V 2 VDD $\Box_{12\text{MHZ}}$ C6 Data Bus P1.0 P1.1 P1.2 P1.3 P1.3 P1.4 P1.5 P1.6 P1.7 DB0 \ VDD XTAL2 Data Bus DB1 Data Bus AT89C52 27PF DB2 Data Bus ู้ V0 DB3 **MCU** Data Bus DB4 /RESET **⊳** VDD Data Bus DB5 RW1 Data Bus DB6 RESET 5K Data Bus +C7 SPLC780D/31066 DB7 C ERM4002-1 20 8 The Parallel 4Bit(6800 Series MCU)Reference Example VDD P3.2 0V 1 VSS Data/Instruction selected pin XTAL1 RS C2 22 P2.1 Read/Write signal В 10U**T** 27PF R/W 23 P2.2 □_{12MHZ} 0.1UF E signal +5.0V 2 VDD C6 VDD → DB0 XTAL2 DB1 AT89C52 27PF DB2 V0 **MCU** DB3 5 P1.4 P1.5 P1.6 P1.7 Data Bus DB4 Sw-PB **⊳** VDD Data Bus /RESET DB5 RW1 Data Bus DB6 RESET +_{C7} -10UF SPLC780D/31066 DB7 ERM4002-1 R1 20 8 10K LED-Title **EASTRISING TECHNOLOGY CO.,LTD.** Revision Number Size ERM4002-1 A0

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