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# S1C63 Manual errata

ITEM:

| Object manuals | Document codes | Items | Pages |
|---|---|---|---|
| S1C6F567 Technical Manual | MF1453-02 | 1.1 Features | 1 |

(Error)

Current consumption (Typ.) ..... Low-speed operation (OSC1: crystal oscillation):

| | | | |
|---|---|---|---|
| During HALT (32 kHz) | 3.0 V (LCD power OFF | 1.5 | µA |
| | 3.0 V (LCD power ON) | 4 | µA |
| During operation (32 kHz) | 3.0 V (LCD power ON) | 10 | µA |
| High-speed operation (OSC3: ceramic oscillation): | | | |
| During operation (3.58 MHz) | 3.0 V (LCD power ON) | 1,000 | µA |

(Correct)

Current consumption (Typ.) ..... Low-speed operation (OSC1: crystal oscillation):

| | | | |
|---|---|---|---|
| During HALT (32 kHz) | 3.0 V (LCD power OFF | 2.5 | µA |
| | 3.0 V (LCD power ON) | 9 | µA |
| During operation (32 kHz) | 3.0 V (LCD power ON) | 70 | µA |
| High-speed operation (OSC3: ceramic oscillation): | | | |
| During operation (3.58 MHz) | 3.0 V (LCD power ON) | 1,200 | µA |

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| Object manuals | Document codes | Items | Pages |
|---|---|---|---|
| S1C6F567 Technical Manual | MF1453-02 | 9.4 Analog Circuit Characteristics and Power Current Consumption | 157 |

(Error)

Unless otherwise specified:

VDD=3.0V, VSS=0V, fOSC1=32.768kHz, CG=25pF, Ta=25℃, VD1/VC1/VC23/VC4/VC5 are internal voltage, C1–C8=0.2µF

| Item | Symbol | Condition | | Min. | Typ. | Max. | Unit |
|---|---|---|---|---|---|---|---|
| Current consumption (Ta=25°C) | IOP | During HALT (32 kHz crystal oscillation) | LCD power OFF *1, *2 | | 2.5 | | µA |
| | | | LCD power ON *1, *2 | | 12.5 | | µA |
| | | During execution, VDD=3.0V (32 kHz crystal oscillation) | LCD power ON | | 90 | 150 | µA |
| | | During execution, VDD=5.0V (32 kHz crystal oscillation) | LCD power ON | | 300 | 500 | µA |
| | | During execution, VDD=3.0V (3.58 MHz ceramic oscillation) | LCD power ON | | 1 | 1.5 | mA |
| | | During execution, VDD=5.0V (3.58 MHz ceramic oscillation) | LCD power ON | | 2.3 | 3.5 | mA |
| | | SVD circuit current (during supply voltage detection) VDD=3.0V | | | 60 | 65 | µA |
| | | SVD circuit current (during external voltage detection) VDD=3.0V | | | 60 | 65 | µA |

*1 Without panel load. The SVD circuit is OFF.

*2 OSCC = "0"

(Correct)

Unless otherwise specified:

VDD=3.0V, VSS=0V, fOSC1=32.768kHz, CG=25pF, Ta=25℃, VD1/VC1/VC23/VC4/VC5 are internal voltage, C1–C8=0.2µF

| Item | Symbol | Condition | | Min. | Typ. | Max. | Unit |
|---|---|---|---|---|---|---|---|
| Current consumption (Ta=25°C) | IOP | During HALT (32 kHz crystal oscillation) | LCD power OFF *1, *2 | | 2.5 | | µA |
| | | | LCD power ON *1, *2 | | 9.0 | | µA |
| | | During execution, VDD=3.0V (32 kHz crystal oscillation) | LCD power ON | | 70 | 120 | µA |
| | | During execution, VDD=5.0V (32 kHz crystal oscillation) | LCD power ON | | 200 | 340 | µA |
| | | During execution, VDD=3.0V (3.58 MHz ceramic oscillation) | LCD power ON | | 1.2 | 1.8 | mA |
| | | During execution, VDD=5.0V (3.58 MHz ceramic oscillation) | LCD power ON | | 2.3 | 3.5 | mA |
| | | SVD circuit current (during supply voltage detection) VDD=3.0V | | | 60 | 65 | µA |
| | | SVD circuit current (during external voltage detection) VDD=3.0V | | | 60 | 65 | µA |

*1 Without panel load. The SVD circuit is OFF.

*2 OSCC = "0"

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# S1C63 Manual errata

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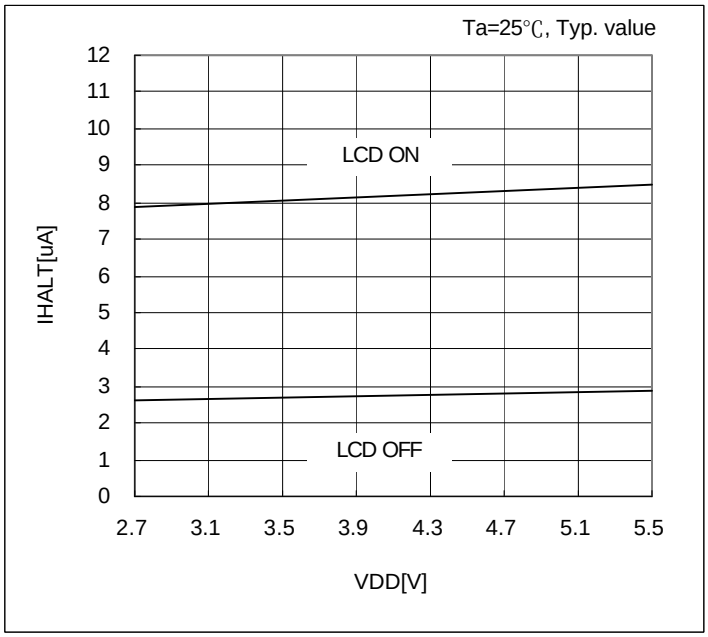
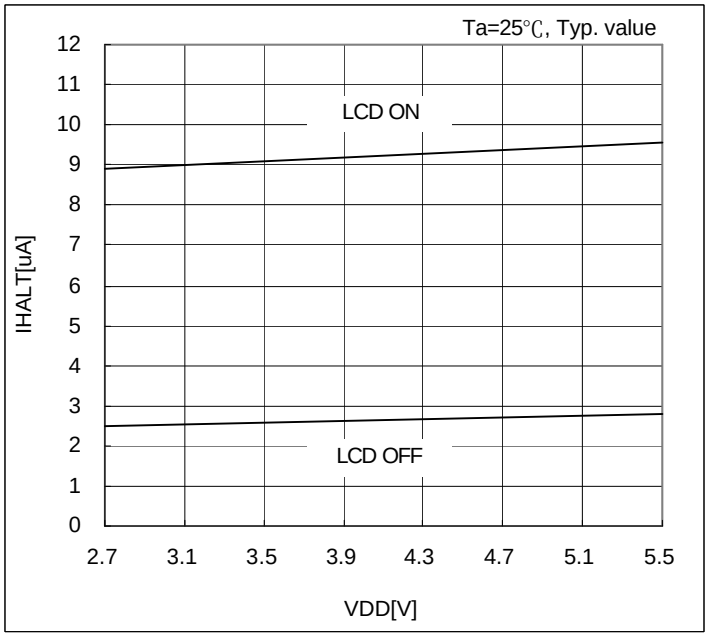
| Object manuals | Document codes | Items | Pages |
|---|---|---|---|
| S1C6F567 Technical Manual | MF1453-02 | 9.8.2 Power current - supply voltage characteristics during HALT | 162 |

(Error)




(Correct)



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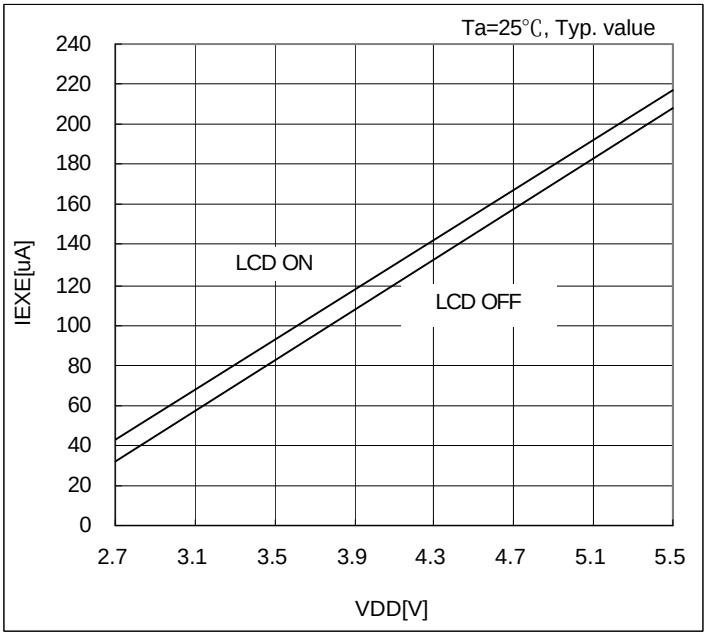
# S1C63 Manual errata

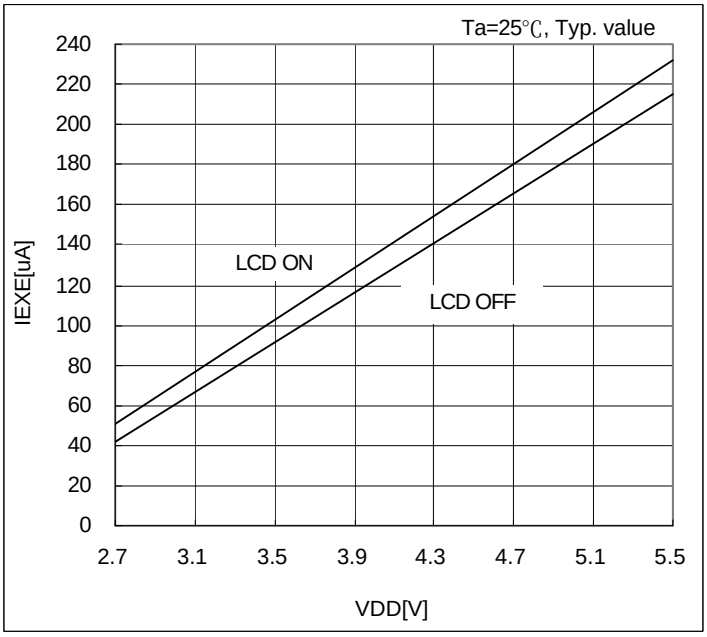
ITEM:

| Object manuals | Document codes | Items | Pages |
|---|---|---|---|
| S1C6F567 Technical Manual | MF1453-02 | 9.8.2 Power current - supply voltage characteristics during Operation (32.768 kHz) | 162 |

(Error)




(Correct)



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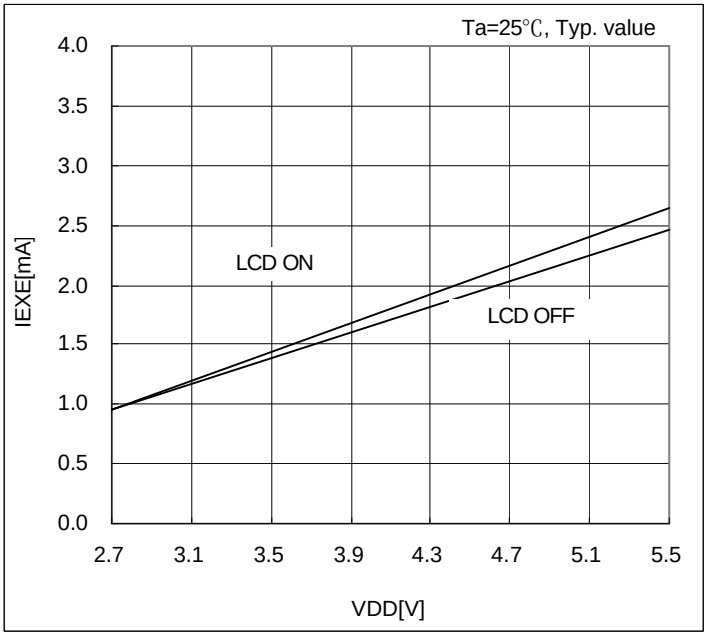
# S1C63 Manual errata

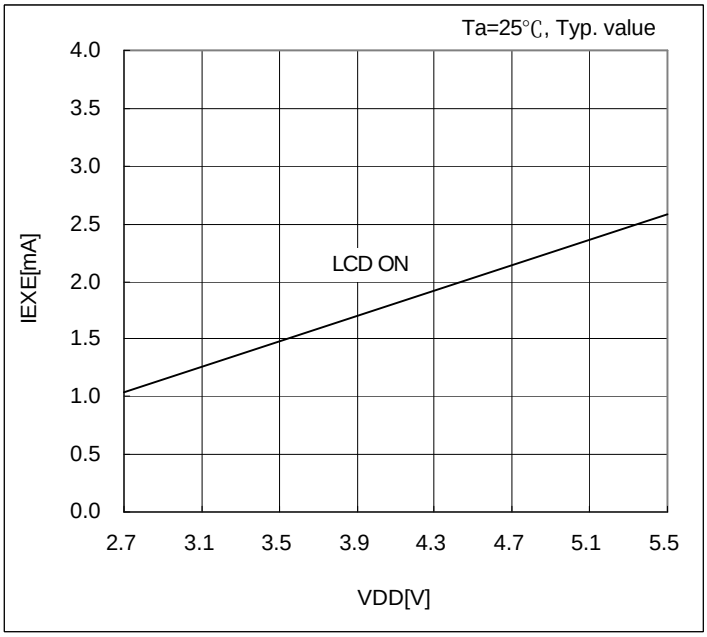
ITEM:

| Object manuals | Document codes | Items | Pages |
|---|---|---|---|
| S1C6F567 Technical Manual | MF1453-02 | 9.8.2 Power current - supply voltage characteristics during Operation (3.58 MHz) | 163 |

(Error)




(Correct)



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IC Marketing & Engineering Section

# S1C6F567 Manual errata

| ITEM | | |
|---|---|---|
| Object manuals | Document code | Object pages |
| S1C6f567 Technical Manual | MF1453-02 | 175-181 |
| | | |
| | | |
| | | |
| | | |
| | | |

(Error)

A.3 Serial Programming (SIO Cable)

(Correct)

A.3 Serial Programming (SIO Cable) **all Deletion**