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display driver IC

| mobile DDI

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Mobile DDI > BW STN > S6A0065

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general description

The S6A0065 is a LCD driver IC w hich is fabricated by low pow er CMOS technology. Basically this IC consists of 20 x 2 bit bi-directional shift register, 20 x 2 bit data latch and 20 x 2 bit driver. (refer to Fig 1)
This IC can be used as common or segment driver.

features

- Display driving bias: static - 1/5
- Pow er supply voltage: 2.7- 5.5V
- Supply voltage for display: 3.0 - 13.0V ($V_{LCD} = V_{DD} - V_{EE}$)
- Interface
 - Driver (cascade connection) : Other S6A0065, S6A2067
 - Controller : S6A0069, S6A0070, S6A0073
- CMOS Process
- 64QFP or bare chip available

functions

- Dot matrix LCD driver w ith 40 channel output.
- Selects function to use common/segment drivers simultaneously.
- Input / Output signal
 - Output: 20 x 2 channel w aveform for LCD driving
 - Input: Serial display data and control signal from the controller LSI. Bias voltage ($V_1 - V_6$)

package & packing

part number	S6A0065B01-C0CX	S6A0065B01-Q08J	S6A0065B01-Q0RJ
package type			
packing			
pins			

production & availability

part number	S6A0065B01-C0CX	S6A0065B01-Q08J	S6A0065B01-Q0RJ
life cycle			
die revision			
MOQ (small box)	N/A	N/A	N/A

[note]

Life cycle identifies the device's overall life expectancy as being either **emerging**, **production**, or EOL(life cycle is independent of and does not correspond to die version).

Die revision identifies the die version's production status as being either **under development**, **transitioning in**, **mass production**, **transitioning out**, or **old version**.


Replacement part number is a recommended SAMSUNG part number for replacing EOL or old version devices.






product information request

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RoHS information

For more information, please click the button next to the product name.

material declaration sheet	does not contain hazardous materials defined in China RoHS declaration letter
 contains hazardous materials defined in China RoHS	

 S6A0065B01-C0CX is Lead-free and RoHS-compliant.	
 S6A0065B01-Q08J is Lead-free and RoHS-compliant.	
S6A0065B01-Q0RJ is Leaded and RoHS 5 of 6.	

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