

адрес команды	ST7735
00h	NOP
01h	Software Reset
04h	Read Display ID
09h	Read Display Status
0Ah	Read Display Power Mode
0Bh	Read Display MADCTL
0Ch	Read Display Pixel Format
0Dh	Read Display Image Mode
0Eh	Read Display Signal Mode
0Fh	Read Display Self-Diagnostic Result
10h	Enter Sleep Mode
11h	Sleep Out
12h	Partial Mode ON
13h	Normal Display Mode On
20h	Display Inversion OFF
21h	Display Inversion ON
26h	Gamma Set
28h	Display Off
29h	Display On
2Ah	Column Address Set
2Bh	Row Address Set
2Ch	Memory Write
2Dh	Color Setting for 4K, 65K and 262K
2Eh	Memory Read
30h	Partial Area
33h	Scroll Area Set
34h	Tearing Effect Line OFF
35h	Tearing Effect Line ON
36h	Memory Data Access Control
37h	Vertical Scrolling Start Address
38h	Idle Mode Off
39h	Idle Mode On
3Ah	Interface Pixel Format
3Ch	-
3Eh	-
44h	-

ST7789
NOP
Software Reset
Read Display ID
Read Display Status
Read Display Power Mode
Read Display MADCTL
Read Display Pixel Format
Read Display Image Mode
Read Display Signal Mode
Read Display Self-Diagnostic Result
Enter Sleep Mode
Sleep Out
Partial Mode ON
Normal Display Mode On
Display Inversion OFF
Display Inversion ON
Gamma Set
Display Off
Display On
Column Address Set
Row Address Set
Memory Write
-
Memory Read
Partial Area
Vertical Scrolling Definition
Tearing Effect Line OFF
Tearing Effect Line ON
Memory Data Access Control
Vertical Scrolling Start Address
Idle Mode Off
Idle Mode On
Interface Pixel Format
Write_Memory_Continue
Read_Memory_Continue
Set_Tear_Scanline

ILI9341
NOP
Software Reset
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Enter Sleep Mode
Sleep Out
Partial Mode ON
Normal Display Mode On
Display Inversion OFF
Display Inversion ON
Gamma Set
Display Off
Display On
Column Address Set
Row Address Set
Memory Write
Color Setting for 4K, 65K and 262K
Memory Read
Partial Area
Vertical Scrolling Definition
Tearing Effect Line OFF
Tearing Effect Line ON
Memory Data Access Control
Vertical Scrolling Start Address
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Idle Mode On
Interface Pixel Format
Write_Memory_Continue
Read_Memory_Continue
Set_Tear_Scanline

45h	-	Get_Scanline	Get_Scanline
51h	-	Write Display Brightness	Write Display Brightness
52h	-	Read Display Brightness	Read Display Brightness
53h	-	Write CTRL Display	Write CTRL Display
54h	-	Read CTRL Display	Read CTRL Display
55h	-	Write Content Adaptive Brightness Control	Write Content Adaptive Brightness Control
56h	-	Read Content Adaptive Brightness Control	Read Content Adaptive Brightness Control
5Eh	-	Write CABC Minimum Brightness	Write CABC Minimum Brightness
5Fh	-	Read CABC Minimum Brightness	Read CABC Minimum Brightness
68h	-	Read Automatic Brightness Control Self-Diagnostic Result	-
DAh	Read ID1 Value	Read ID1 Value	Read ID1 Value
DBh	Read ID2 Value	Read ID2 Value	Read ID2 Value
DCh	Read ID3 Value	Read ID3 Value	Read ID3 Value
	Panel Function Command List and Description	SYSTEM FUNCTION COMMAND TABLE 2	Description of Level 2 Command
B0h	-	RAM Control	RGB Interface Signal Control
B1h	Frame Rate Control (In normal mode/ Full colors)	RGB Interface Control	Frame Rate Control (In normal mode/ Full colors)
B2h	Frame Rate Control (In Idle mode/ 8-colors)	Porch Setting	Frame Rate Control (In Idle mode/ 8-colors)
B3h	Frame Rate Control (In Partial mode/ full colors)	Frame Rate Control 1 (In partial mode/ idle colors)	Frame Rate Control (In Partial mode/ full colors)
B4h	Display Inversion Control	-	Display Inversion Control
B5h	-	Partial mode Control	Blanking Porch Control
B6h	-	-	Display Function Control
B7h	-	Gate Control	Entry Mode Set
B8h	-	Gate On Timing Adjustment	Backlight Control 1
B9h	-	-	Backlight Control 2
BAh	-	Digital Gamma Enable	Backlight Control 3
BBh	-	VCOMS Setting	Backlight Control 4
BCh	-	-	Backlight Control 5
BEh	-	-	Backlight Control 7
BFh	-	-	Backlight Control 8
C0h	Power Control 1	LCM Control	Power Control 1
C1h	Power Control 2	ID Code Setting	Power Control 2
C2h	Power Control 3 (in Normal mode/ Full colors)	VDV and VRH Command Enable	-
C3h	Power Control 4 (in Idle mode/ 8-colors)	VRH Set	-
C4h	Power Control 5 (in Partial mode/ full-colors)	VDV Set	-
C5h	VCOM Control 1	VCOMS Offset Set	VCOM Control 1
C6h	-	Frame Rate Control in Normal Mode	-

C7h	VCOM Offset Control	CABC Control	VCOM Control 2
C8h	-	Register Value Selection 1	-
CAh	-	Register Value Selection 2	-
CBh	-	-	Power control A
CCh	-	PWM Frequency Selection	-
CFh	-	-	Power control B
D0h	-	Power Control 1	NV Memory Write
D1h	Write ID2 Value	-	NV Memory Protection Key
D2h	Write ID3 Value	Enable VAP/VAN signal output	NV Memory Status Read
D3h	-	-	Read ID4
D9h	NVM Control Status	-	-
DEh	NVM Read Command	-	-
DFh	NVM Write Command	Command 2 Enable	-
E0h	Gamma ('+'polarity) Correction Characteristics Setting	Positive Voltage Gamma Control	Positive Gamma Correction
E1h	Gamma '-'polarity Correction Characteristics Setting	Negative Voltage Gamma Control	Negative Gamma Correction
E2h	-	Digital Gamma Look-up Table for Red	Digital Gamma Control 1
E3h	-	Digital Gamma Look-up Table for Blue	Digital Gamma Control 2
E4h	-	Gate Control	-
F6h	-	-	Interface Control
E7h	-	SPI2 Enable	-
E8h	-	Power Control 2	Driver timing control A
E9h	-	Equalize time control	Driver timing control A
EAh	-	-	Driver timing control B
ECh	-	Program Mode Control	-
EDh	-	-	Power on sequence control
F2h	-	-	Enable 3G
F7h	-	-	Pump ratio control
FAh	-	Program Mode Enable	-
FCh	Gate Pump Clock Frequency Variable	NVM Sett	-
FEh	-	Program action	-