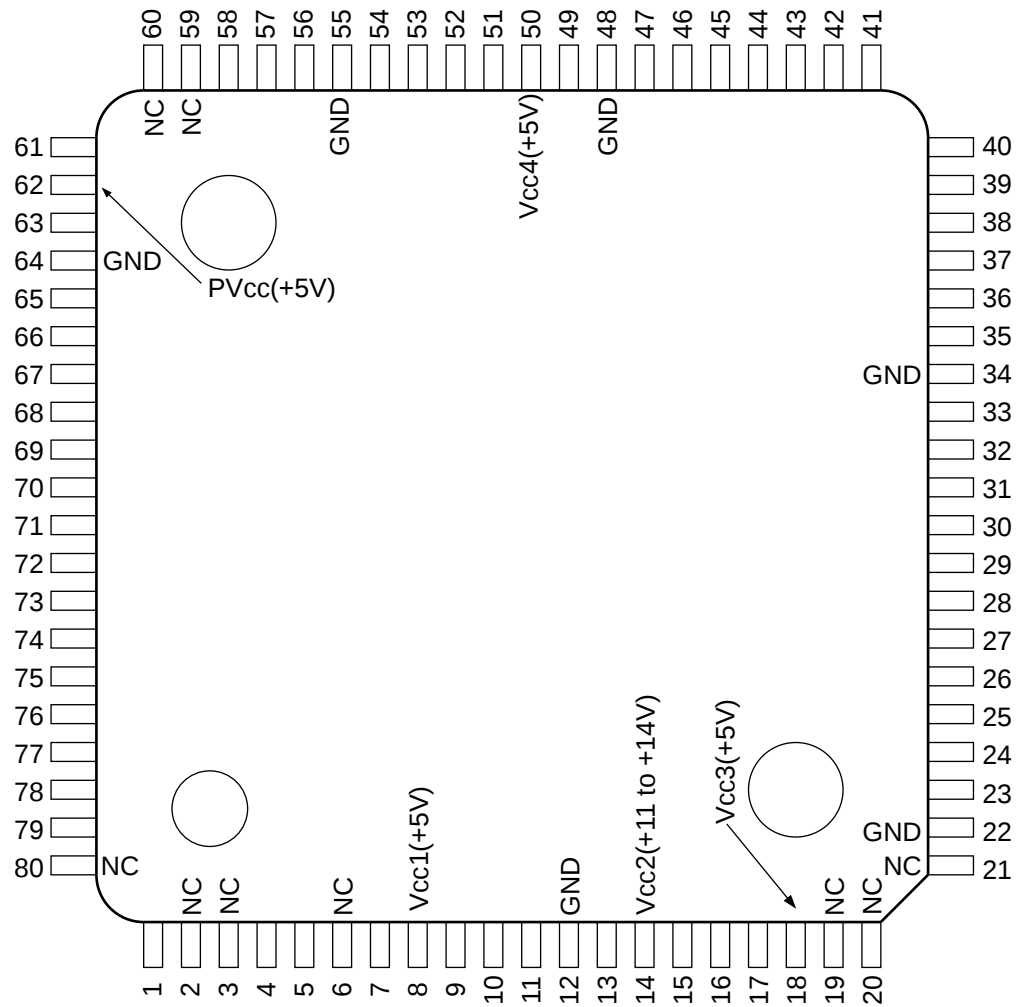

LCD RGB DRIVER

-TOP VIEW-



PVcc,Vcc1,3,4=+5V
Vcc2=+11 to +13V

PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	I	RGB MBRT	28	I	R CLP	55	—	GND
2	—	NC	29	I	SID CLP	56	I	SH4
3	—	NC	30	I	SID CTR	57	I	SH3
4	I	R MBRT	31	I	PRG CTR	58	I	SH2
5	I	B MBRT	32	I	FRP	59	—	NC
6	—	NC	33	I	SID FPR	60	—	NC
7	O	TEST OUT	34	—	GND	61	I	SH1
8	—	Vcc1	35	I	PRG	62	—	PVcc
9	I	R	36	I	VCOM CTR	63	I	TEST
10	I	G	37	I	SIG CENT CTR	64	—	GND
11	I	B	38	O	VCOM	65	I	B CLAMP
12	—	GND	39	I	BLK LIM	66	I	G CLAMP
13	O	SID OUT	40	I	BLK CENT	67	I	R CLAMP
14	—	Vcc2	41	I	WHT LIM	68	I	RGB GAM GAIN1
15	O	R	42	I	TEST SEL	69	I	R GAM GAIN1
16	O	G	43	I	XCLP2	70	I	B GAM GAIN1
17	O	B	44	I	XCLP1	71	I	RGB GAM GAIN2
18	—	Vcc3	45	I	RGB GAIN	72	I	R GAM GAIN2
19	—	NC	46	I	R GAIN	73	I	B GAM GAIN2
20	—	NC	47	I	B GAIN	74	I	RGB GAM CTR2
21	—	NC	48	—	GND	75	I	R GAM CTR2
22	—	GND	49	I	IREF	76	I	B GAM CTR2
23	I	RGB SBRT	50	—	Vcc4	77	I	RGB GAM CTR1
24	I	B SBRT	51	I	GCA DET B	78	I	R GAM CTR1
25	I	R SBRT	52	I	GCA DET G	79	I	B GAM CTR1
26	I	B CLP	53	I	GCA DET R	80	—	NC
27	I	G CLP	54	I	SIG SEL			

INPUT

B	; B SIGNAL
B CLAMP	; B SIGNAL CLAMP DETECTION
B CLP	; B OUTPUT DETECTION SIGNAL
B GAIN	; GAIN CONTROL FOR B SIGNAL VARIABLE GAIN AMPLIFIER
B GAM CTR 1	; B SIGNAL BLACK SIDE VOLTAGE GAIN CHANGING POINT CONTROL
B GAM CTR 2	; B SIGNAL WHITE SIDE VOLTAGE GAIN CHANGING POINT CONTROL
B GAM GAIN 1	; B SIGNAL BLACK SIDE VOLTAGE CONTROL
B GAM GAIN 2	; B SIGNAL WHITE SIDE VOLTAGE CONTROL
B MBRT	; B SIGNAL MAIN BRIGHT CONTROL
B SBRT	; B SIGNAL SUB BRIGHT CONTROL
BLK CENT	; CENTER CONTROL FOR RGB SIGNAL OUTPUT LIMITER
BLK LIM	; LIMITER CONTROL LIMITING RGB SIGNAL OUTPUT AMPLITUDE
FRP	; FRP INPUT
G	; G SIGNAL
G CLAMP	; G SIGNAL CLAMP DETECTION
G CLP	; G OUTPUT DETECTION SIGNAL
GCADET B	; B GCA CIRCUIT CLAMP DETECTION
GCADET G	; G GCA CIRCUIT CLAMP DETECTION
GCADET R	; R GCA CIRCUIT CLAMP DETECTION
IREF	; SAMPLE-HOLD CIRCUIT CURRENT SETTING
PRG	; PRG PULSE
PRG CTR	; PRG SIGNAL LEVEL CONTROL
R	; R SIGNAL
R CLAMP	; R SIGNAL CLAMP DETECTION
R CLP	; R OUTPUT DETECTION SIGNAL
R GAIN	; GAIN CONTROL FOR R SIGNAL VARIABLE GAIN AMPLIFIER
R GAM CTR 1	; R SIGNAL BLACK SIDE VOLTAGE GAIN CHANGING POINT CONTROL
R GAM CTR 2	; R SIGNAL WHITE SIDE VOLTAGE GAIN CHANGING POINT CONTROL
R GAM GAIN 1	; R SIGNAL BLACK SIDE VOLTAGE CONTROL
R GAM GAIN 2	; R SIGNAL WHITE SIDE VOLTAGE CONTROL
R MBRT	; R SIGNAL MAIN BRIGHT CONTROL
R SBRT	; R SIGNAL SUB BRIGHT CONTROL
RGB GAIN	; GAIN CONTROL FOR RGB SIGNAL VARIABLE GAIN AMPLIFIER
RGB GAM CTR 1	; RGB SIGNAL BLACK SIDE VOLTAGE GAIN CHANGING POINT CONTROL
RGB GAM CTR 2	; RGB SIGNAL WHITE SIDE VOLTAGE GAIN CHANGING POINT CONTROL
RGB GAM GAIN 1	; RGB SIGNAL BLACK SIDE VOLTAGE CONTROL
RGB GAM GAIN 2	; RGB SIGNAL WHITE SIDE VOLTAGE CONTROL
RGB MBRT	; RGB SIGNAL MAIN BRIGHT CONTROL
RGB SBRT	; RGB SIGNAL SUB BRIGHT CONTROL
SH1-4	; SAMPLE-HOLD PULSE
SID CLP	; SID OUTPUT DETECTION SIGNAL
SID CTR	; SID OUTPUT AMPLITUDE CONTROL
SID FRP	; FRP INPUT FOR SID OUTPUT
SIG CENT CTR	; RGB AND SID SIGNALS CENTER VOLTAGE CONTROL
SIG SEL	; INPUT SIGNAL SELECTION TO SAMPLE-HOLD CIRCUIT
TEST	; INPUT FOR CHECKS
TEST SEL	; SELECT SWITCH FOR CHECKS
VCOM CTR	; VCOM VOLTAGE CONTROL
WHT LIM	; RGB SIGNAL WHITE PEAK LIMITER CONTROL
XCLP1	; CLAMP PULSE
XCLP2	; PULSE FOR REFERENCE SIGNAL

OUTPUT

B	; B SIGNAL
G	; G SIGNAL
R	; R SIGNAL
SID	; SID SIGNAL
TEST	; FOR CHECKS
VCOM	; VCOM VOLTAGE

