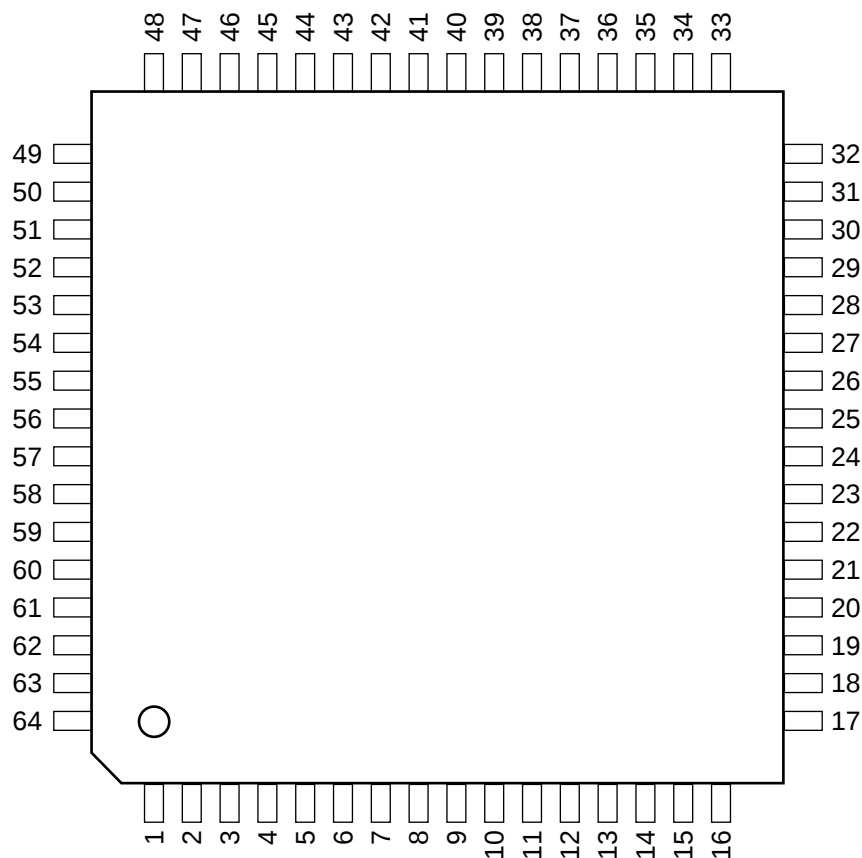


DECODER/DRIVER/TIMING GENERATOR FOR COLOR LCD

—TOP VIEW—



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	—	TRAP	17	O	HST	33	I	SCLK	49	—	Vcc1
2	—	GND1	18	O	HST	34	I	DATA	50	I	SIG.CENTER
3	I	SYNC IN	19	O	HCK2	35	I	LOAD	51	I	B-Y IN
4	O	H.FIL	20	O	HCK1	36	I	RGT	52	I	R-Y IN
5	I	S.SEP IN	21	O	PCG	37	O	FB PSIG	53	O	C OUT
6	I	EXT R	22	O	PCG	38	—	GND3	54	I	BLK LIM
7	I	EXT G	23	O	HD	39	O	PSIG	55	O	APC
8	I	EXT B	24	I	FLD IN	40	—	Vcc3	56	O	VXO OUT
9	I	VD IN	25	O	VST	41	O	B OUT	57	I	VXO IN
10	I	TEST1	26	O	VST	42	O	FB B	58	O	V REG
11	I	TEST2	27	O	VCK2	43	—	GND2	59	I	C IN
12	O	RPD	28	O	VCK1	44	O	G OUT	60	I	TEST3
13	—	Vss1	29	O	EN	45	O	FB G	61	I	Y IN
14	I	CKI	30	O	EN	46	O	R OUT	62	I	PIC
15	O	CKO	31	—	Vss2	47	O	FB R	63	O	F0 ADJ
16	—	VDD1	32	O	VD	48	—	Vcc2	64	I	PWRST

INPUTS

B-Y IN	: B-Y DEMODULATION
BLK LIM	: BLACK PEAK LIMIT LEVEL CONTROL
C IN	: CHROMA SIGNAL
CKI	: OSCILLATOR
DATA	: SERIAL INTERFACE DATA
EXT B	: EXT DIGITAL B
EXT G	: EXT DIGITAL G
EXT R	: EXT DIGITAL R
FLD IN	: FIELD ID
LOAD	: SERIAL INTERFACE LOAD
PIC	: FREQUENCY RESPONSE OF Y SIGNAL
PWRST	: SYSTEM RESET
R-Y IN	: R-Y DEMODULATION
RGT	: SCAN SELECT
S.SEP IN	: SYNC SEPARATOR
SCLK	: SERIAL INTERFACE CLOCK
SIG.CENTER	: DC VOLTAGE CONTROL OF R, G, B, PSIG
SYNC IN	: VIDEO INPUT FOR SYNC SEPARATOR
TEST1 - TEST3	: (FOR TEST)
VD IN	: EXT VD
VXO IN	: VARIABLE CRYSTAL OSCILLATOR
Y IN	: Y SIGNAL

OUTPUTS

APC	: APC DETECTION FILTER
B OUT	: B SIGNAL
C OUT	: CHROMA SIGNAL
CKO	: OSCILLATOR
EN	: <u>EN PULSE</u>
<u>EN</u>	: <u>EN PULSE</u>
FB B	: DC VOLTAGE FEEDBACK FOR B SIGNAL
FB G	: DC VOLTAGE FEEDBACK FOR G SIGNAL
FB PSIG	: DC VOLTAGE FEEDBACK FOR PSIG
FB R	: DC VOLTAGE FEEDBACK FOR R SIGNAL
F0 ADJ	: INTERNAL FILTER ADJUSTING RESISTOR
G OUT	: G SIGNAL
H.FIL OUT	: VIDEO OUTPUT FOR SYNC INPUT
HCK1, HCK2	: H CLOCK 1, 2
HD	: HD PULSE
HST	: <u>H START PULSE</u>
<u>HST</u>	: <u>H START PULSE</u>
PCG	: <u>PCG PULSE</u>
<u>PCG</u>	: <u>PCG PULSE</u>
PSIG	: PSIG
R OUT	: R SIGNAL
RPD	: PHASE COMPARATOR
V REG	: VOLTAGE REGULATOR CAPACITOR CONNECTION
VCK1, VCK2	: V CLOCK PULSE 1, 2
VD	: VD PULSE
VST	: <u>V START PULSE</u>
<u>VST</u>	: <u>V START PULSE</u>
VXO OUT	: VARIABLE CRYSTAL OSCILLATOR

OTHER

TRAP	: EXTERNAL TRAP
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