Dual-Supply 1-of-2 VGA Switch

NX5DV715HF

Archived

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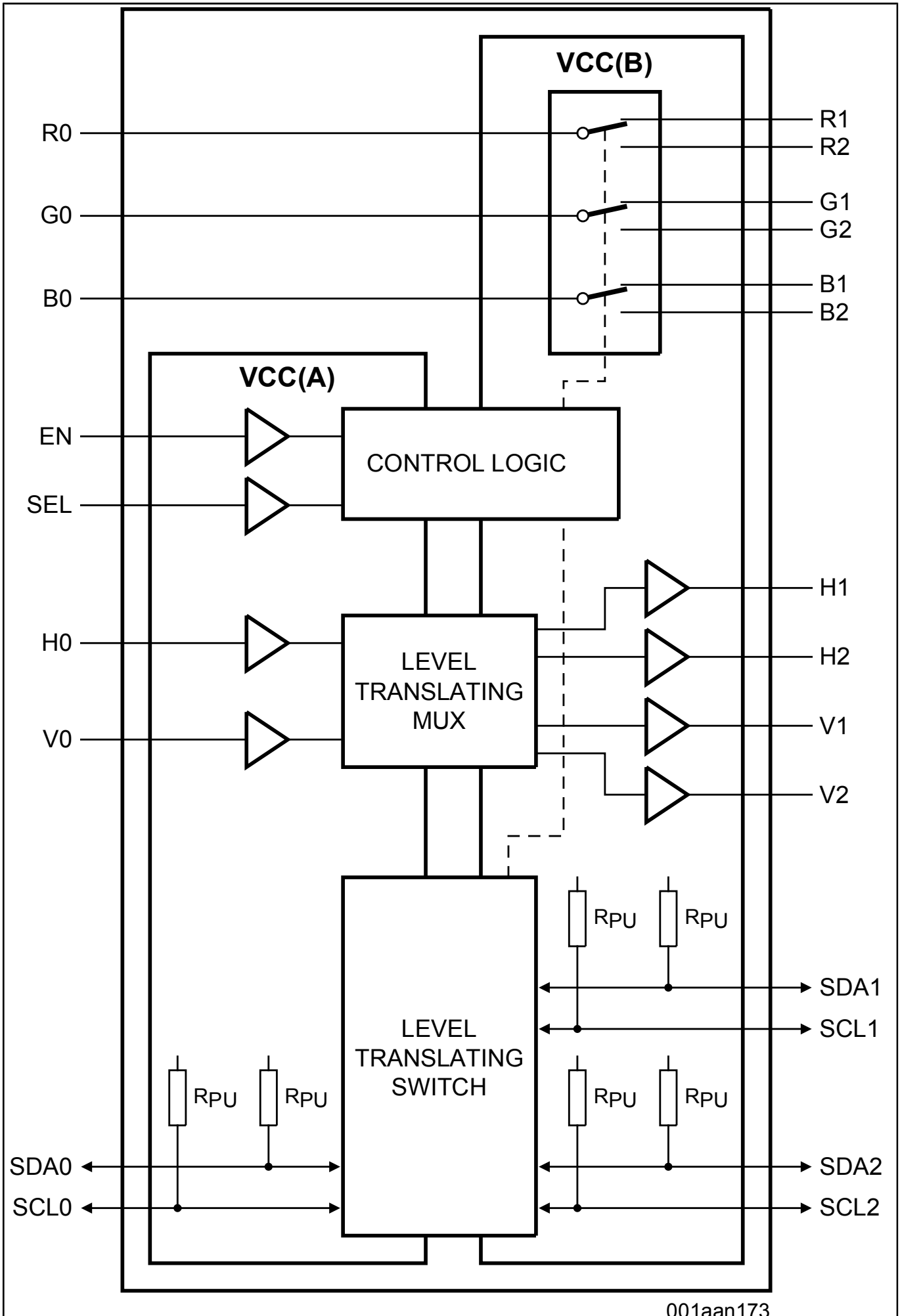
The NX5DV715 is a dual supply 1-to-2 VGA switch. It integrates high-bandwidth SPDT switches with level-translating buffers and level translating switches to provide switching of input RGB, H-Sync, V-Sync and DDC signals to either of two output channels.

The NX5DV715 is characterized for operation from -40 °C to +85 °C.

NX5DV715 Block Diagram


VCC(B)
VCC(A)
R0
G0
B0
R1
R2
G1
G2
B1
B2
EN
SEL
CONTROL LOGIC
H0
V0
LEVEL
TRANSLATING
MUX
H1
H2
V1
V2
RPU
RPU
SDA1
SCL1
LEVEL
TRANSLATING
SWITCH
RPU
RPU
RPU
RPU
SDA0
SCL0
SDA2
SCL2
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