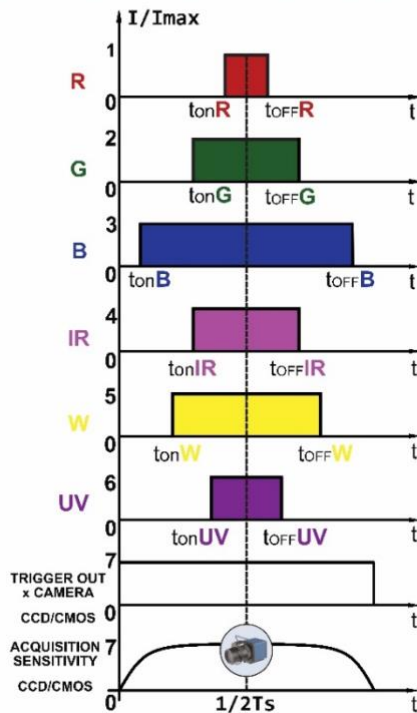


ABS606 LED VOLTAGE CONTROL



**New FPGA system
to control high speed illuminators
NANODIMMER function**



Applicazioni

- Illuminatori a LED per sistemi di visione
- Controllo Luci di precisione
- Controllo industriale di processo con preselezione della luce ottimale al cambio di produzione o colore prodotto
- Sistemi evoluti di ispezione ottica

Descrizione

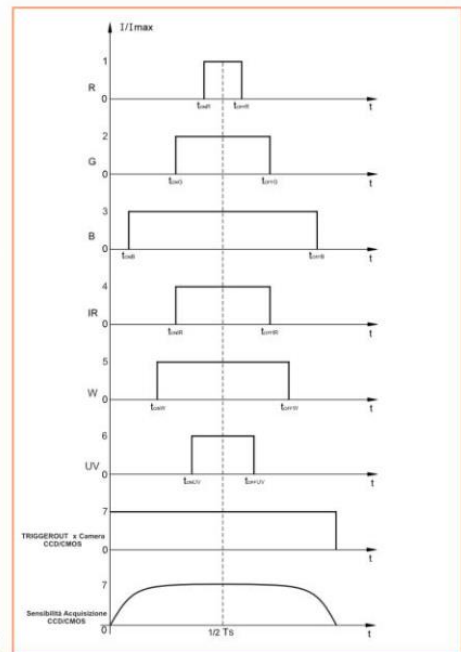
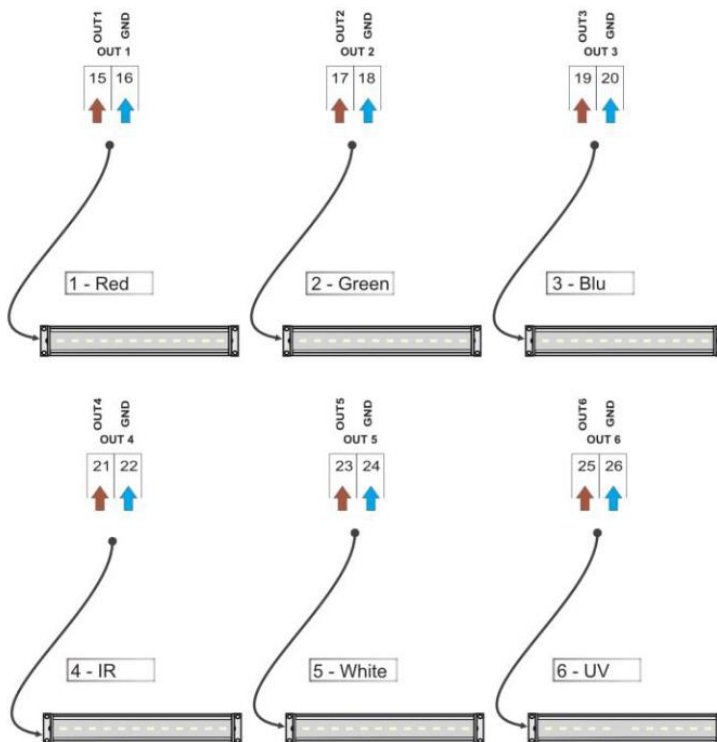
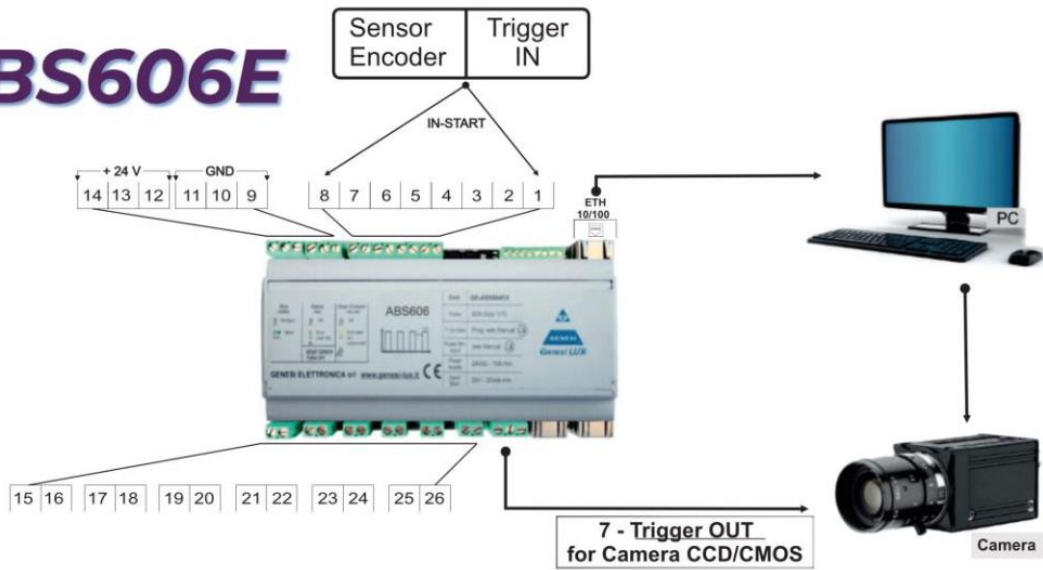
- ABS606 FPGA Xilinx® ZynQ®-7000 SoC.
- 6 channels 8/12 A Continuous/Strobe
- 1 channel for trigger camera out
- Buffering strobe energy up to 60 A x 1ms @24Vdc
- Ethernet 10/100, Optional EtherCAT connection
- 1 RS485, 4 Single Ended Trigger inputs, 1 rs485 differential trigger input / output.
- Continuous or strobe use with power regulation
- 10 nanosecond resolution, less than 1 μ s minimum pulse cycle

Images selected by the ABS system



SLAVE CAMERA CONFIGURATION MODE

ABS606E



Resolution: 10 nanoseconds