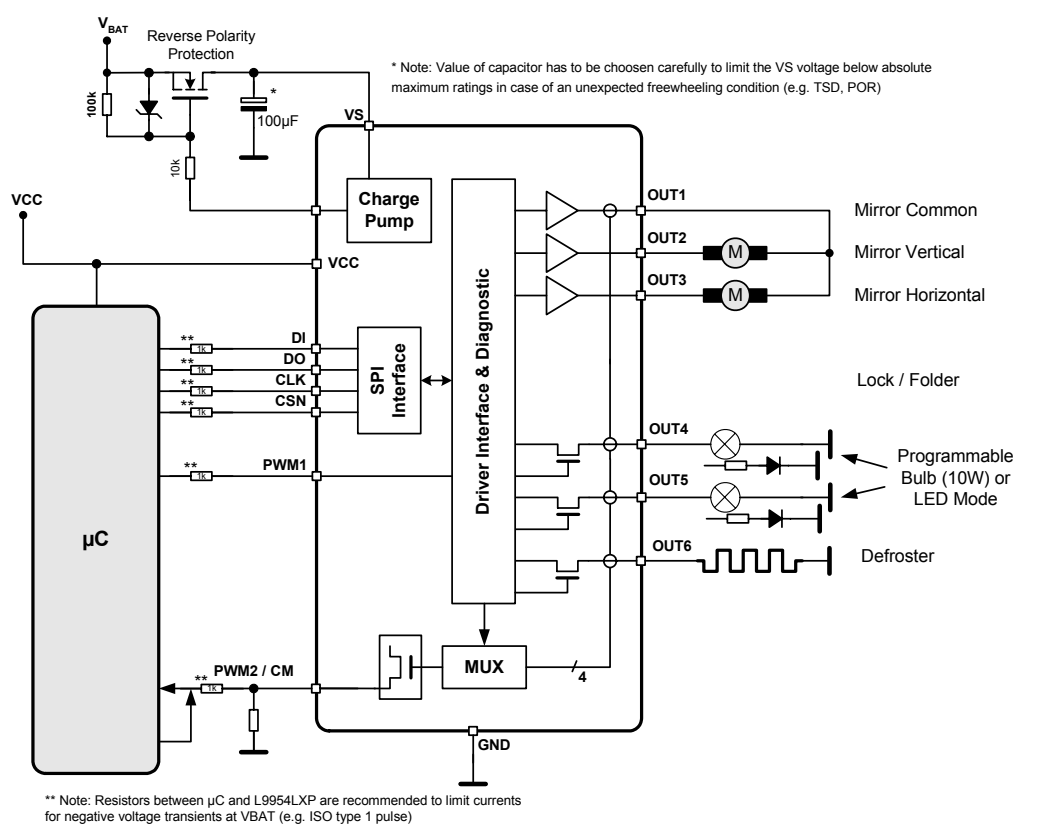
V_{BAT}
Reverse Polarity Protection
100k
10k
*
100µF
VS
VCC
Charge Pump
VCC
µC
** 1k
DI
DO
CLK
CSN
SPI Interface
Driver Interface & Diagnostic
PWM1
PWM2 / CM
MUX
4
GND
OUT1
OUT2
OUT3
OUT4
OUT5
OUT6
M
Mirror Common
Mirror Vertical
Mirror Horizontal
Lock / Folder
Programmable Bulb (10W) or LED Mode
Defroster
* Note: Value of capacitor has to be choosen carefully to limit the VS voltage below absolute maximum ratings in case of an unexpected freewheeling condition (e.g. TSD, POR)
** Note: Resistors between µC and L9954LXP are recommended to limit currents for negative voltage transients at VBAT (e.g. ISO type 1 pulse)