

Driver Functions

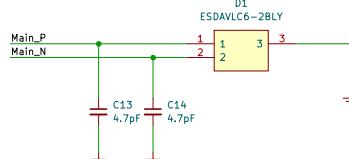
INPUT	ENABLE	OUTPUTS		FUNCTION
D	DE	A	B	
H	H	H	L	Actively drive bus High
L	H	L	H	Actively drive bus Low
X	L	Z	Z	Driver disabled
X	OPEN	Z	Z	Driver disabled by default
OPEN	H	H	L	Actively drive bus High by default

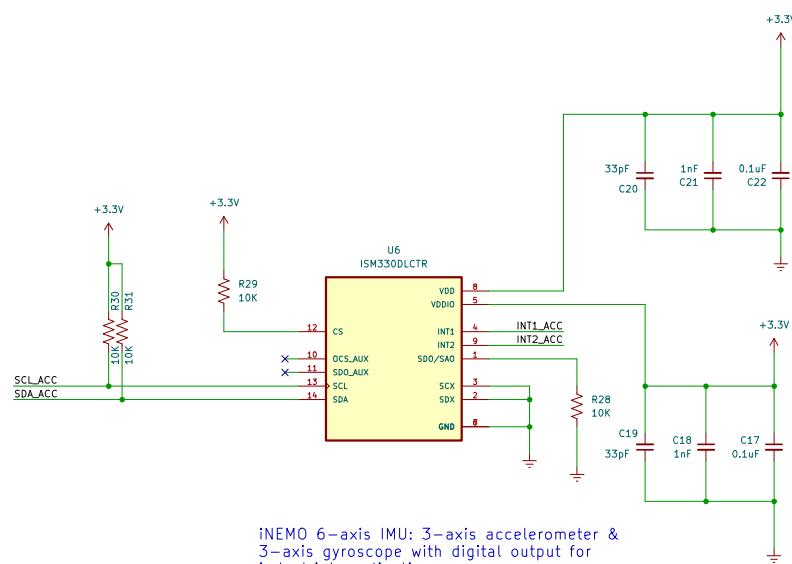
(1) H = high level; L = low level; Z = high impedance; X = irrelevant; ? = indeterminate

Receiver Functions

DIFFERENTIAL INPUT $V_{ID} = V_A - V_B$	ENABLE RE	OUTPUT R	FUNCTION
$V_{ID} > V_{IT+}$	L	H	Receive valid bus High
$V_{IT-} < V_{ID} < V_{IT+}$	L	?	Indeterminate bus state
$V_{ID} < V_{IT-}$	L	L	Receive valid bus Low
X	H	Z	Receiver disabled
X	OPEN	Z	Receiver disabled by default
Open-circuit bus	L	H	Fail-safe high output
Short-circuit bus	L	H	Fail-safe high output

(1) H = high level; L = low level; Z = high impedance; X = irrelevant; ? = indeterminate





LSb value is 0 (address b1101010, or, h0x6A)

