

Signal sources for ZSW2 in Interface Mode SINAMICS (p2038 = 0)

<1>

PROFIdrive sampling time

Refer to [1020.7]

Signal	Meaning	Interconnection parameters	[Function diagram] internal status word	[Function diagram] signal source	Inverted
ZSW2.0	1 = Drive data set DDS effective, bit 0	p2081[0] = r0051.0	-	[8565]	-
ZSW2.1	1 = Drive data set DDS effective, bit 1	p2081[1] = r0051.1	-	[8565]	-
ZSW2.2	1 = Drive data set DDS effective, bit 2	p2081[2] = r0051.2	-	[8565]	-
ZSW2.3	1 = Drive data set DDS effective, bit 3	p2081[3] = r0051.3	-	[8565]	-
ZSW2.4	1 = Drive data set DDS effective, bit 4	p2081[4] = r0051.4	-	[8565]	-
ZSW2.5	Reserved	-	-	-	-
ZSW2.6	Reserved	-	-	-	-
ZSW2.7	1 = Parking axis active	p2081[7] = r0896.0	-	-	-
ZSW2.8	1 = Traverse to fixed endstop	p2081[8] = r1406.8	-	[2520]	-
ZSW2.9	Reserved	-	-	-	-
ZSW2.10	Reserved	-	-	-	-
ZSW2.11	1 = Data set changeover active	p2081[11] = r0835.0	-	-	-
ZSW2.12	Slave sign-of-life bit 0	Implicitly interconnected	-	-	-
ZSW2.13	Slave sign-of-life bit 1	Implicitly interconnected	-	-	-
ZSW2.14	Slave sign-of-life bit 2	Implicitly interconnected	-	-	-
ZSW2.15	Slave sign-of-life bit 3	Implicitly interconnected	-	-	-

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<1> Used in telegrams 2, 3, 4, 5, 6, 7, 110.

<2> These signals are automatically interconnected for clock-cycle synchronous operation.

1	2	3	4	5	6	7	8
DO: SERVO, VECTOR					fp_2454_01_eng.vsd	Function diagram	- 2454 -
PROFIdrive - ZSW2 status word interconnection (p2038 = 0)					08.05.07 V02.05.00	SINAMICS S	