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## Target Adaption for XCORE

Signal	Ball Pin	Pin Ball	Signal
GND	1	2	VDD
V33	3	4	GND
N/C	5	6	N/C
RD-	B1 7	8	C1 P4.1/A17
P4.0/A16	C2 9	10	D1 WR-/WRL-
P4.3/A19	D2 11	12	D3 P4.2/A18
P0.2	E1 13	14	E2 P0.1
P0.0	E3 15	16	F1 P0.5
P0.4	F2 17	18	F3 P0.3
P0.7	G1 19	20	G2 P0.6
P0.9	H1 21	22	H2 P0.8
P0.12	J1 23	24	J2 P0.11
P0.10	J3 25	26	K1 P0.15
P0.14	K2 27	28	K3 P0.13
XTAL1	L1 29	30	L3 VPPS
XTAL2	M1 31	32	M3 R/B-
P1.0	N1 33	34	N2 P1.1
P1.2	N3 35	36	P1 P1.3
P1.4	P2 37	38	P3 P1.5
P1.6	R1 39	40	R2 P1.7
P1.8	T1 41	42	T2 P1.9
P1.10	U1 43	44	U2 P1.11
P1.12	U3 45	46	V1 P1.13
P1.14	V2 47	48	V3 P1.15
P6.0/CS0-	W1 49	50	W2 P6.1/CS1-
P6.2/CS2-	W3 51	52	Y1 P6.3/CS3-
P6.4/CS4-	Y2 53	54	AA1 P6.5/HOLD-
GND	55	56	GND
BCLKIN	57	58	BCLKOUT
GND	59	60	GND

Signal	Ball Pin	Pin Ball	Signal		
GND	61	62	VDD		
V33	63	64	GND		
N/C	65	66	N/C		
P6.6/HLDA-	AB2	67	68	AB3	CAN1TX
P6.7/BREQ-	AA3	69	70	AB4	CAN2RX
CAN2TX	AA4	71	72	Y4	CAN1RX
CAN1IRQ-	AB5	73	74	AA5	CAN3RX
CAN3TX	Y5	75	76	AB6	P7.0/POUT0
CAN3IRQ-	AA6	77	78	Y6	CAN2IRQ-
P7.2/POUT2	AB7	79	80	AA7	P7.1/POUT1
PE.0	AB8	81	82	AA8	P7.3/POUT3
PE.3	AB9	83	84	AA9	PE.2
PE.1	Y9	85	86	AB10	PE.6
PE.5	AA10	87	88	Y10	PE.4
P3.13	AB11	89	90	AA11	P3.15/CLKOUT
PE.7	Y11	91	92	AB12	P3.12/BHE-/WRH-
P3.11/RXD0	AA12	93	94	Y12	P3.10/TXD0
P3.9	AB13	95	96	AA13	P3.8
P3.7/T2IN	Y13	97	98	AB14	P3.6/T3IN
P3.5/T4IN	AA14	99	100	Y14	P3.4/T3EUD
P3.3/T3OUT	AB15	101	102	AA15	P3.2/CAPIN
P3.1/T6OUT	AB16	103	104	AA16	P3.0/T0IN
IRQDPR-	AB17	105	106	AA17	IRQSPI-
IRQSCI-	Y17	107	108	AB18	IRQJ-
IRQBCE-	AA18	109	110	Y18	IRQA-
P2.9/CC9IO/EX1IN	AB19	111	112	AA19	P2.8/CC8IO/EX0IN
P2.7/CC7IO	Y19	113	114	AB20	P2.6/CC6IO
P2.5/CC5IO	AA20	115	116	AB21	P2.4/CC4IO
N/C		117	118		N/C
N/C		119	120		GND

Signal	Ball Pin	Pin Ball	Signal
GND	121	122	VDD
V33	123	124	GND
N/C	125	126	N/C
P2.3/CC3IO	AA22	127 128	Y22 P2.1/CC1IO
P2.2/CC2IO	Y21	129 130	W22 BSCITX
BSCIRX	W21	131 132	W20 P2.0/CC0IO
MOSI	V22	133 134	V21 MISO
SCK	V20	135 136	U22 IMF-
M0	U21	137 138	U20 SS-
P5.1/AN1	T22	139 140	T21 P5.0/AN0
P5.3/AN3	R22	141 142	R21 P5.2/AN2
P5.5/AN5	P22	143 144	P21 P5.4/AN4
P5.7/AN7	N21	145 146	N20 P5.6/AN6
VAREF	M22	147 148	M21 RSTOUT-
VAGND	L22	149 150	L21 RSTIN_XCORE-
NMI-	L20	151 152	K22 M2
M1	K21	153 154	K20 XWR-
P5.8	J22	155 156	J21 P5.9
P5.10/T6EUD	H22	157 158	H21 P5.11/T5EUD
P5.12/T6IN	G22	159 160	G21 P5.13/T5IN
P5.14/T4EUD	F22	161 162	F21 P5.15/T2EUD
PD.0	F20	163 164	E22 PD.1
PD.2	E21	165 166	E20 PD.3
PD.4	D22	167 168	D21 PD.5
PD.6	D20	169 170	C22 PD.7
PD.8	C21	171 172	B22 PD.9
N/C		173 174	N/C
N/C		175 176	N/C
XRESET-		177 178	RSTIN_TARGET-
N/C		179 180	GND

Signal	Ball	Pin	Pin	Ball	Signal
GND		181	182		VDD
V33		183	184		GND
N/C		185	186		N/C
PD.10	A21	187	188	A20	PD.12
PD.11	B20	189	190	A19	PD.15
PD.14	B19	191	192	C19	PD.13
MDS-	A18	193	194	B18	DIRQ-
MCS-	C18	195	196	A17	MAD.6
MAD.7	B17	197	198	C17	MR/W-
MAD.4	A16	199	200	B16	MAD.5
MAD.2	A15	201	202	B15	MAD.3
MAD.0	A14	203	204	B14	MAD.1
VSTBY	C14	205	206	A13	PC.2
PC.1	B13	207	208	C13	PC.0
PC.5	A12	209	210	B12	PC.4
PC.3	C12	211	212	A11	PC.6
PC.7	B11	213	214	C11	VPWO
VPWI-	A10	215	216	B10	PB.0
PB.1	C10	217	218	A9	PB.2
PB.3	B9	219	220	C9	PB.4
PA.A0	A8	221	222	B8	PA.B0
PA.A1	A7	223	224	B7	PA.B1
PA.A2	A6	225	226	B6	PA.B2
PA.A3	C6	227	228	A5	PA.B3
PA.A4	B5	229	230	C5	PA.B4
PA.A5	A4	231	232	B4	PA.B5
PA.A6	C4	233	234	A3	PA.B6
ALE	A2	235	236		N/C
N/C		237	238		N/C
N/C		239	240		GND

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