

Function	SoC Pin Name	Bank	Ball	Net Name	Side0	SideC	Net Name	Ball	Bank	SoC Pin Name	Function
Power-supply pins for Bank 34(HR Bank) / Input				VDDIO_34_P1	C1		GND				
Bank 34 Select ID	IO L18P T1_34	Bank 34	V15	IO B34 LP1A1	A1		RGMII0 TRP0				Ethernet Data 0 Negative
Bank 34 Select ID	IO L18N T1_34	Bank 34	V15	IO B34 LN1A1	A1		RGMII0 TRN0				Ethernet Data 0 Positive
Bank 34 Select ID	IO L18P T2_34	Bank 34	V15	IO B34 LP1A2	A2		RGMII0 TRP1				Ethernet Data 1 Negative
Bank 34 Select ID	IO L18N T2_34	Bank 34	V15	IO B34 LN1A2	A2		RGMII0 TRN1				Ethernet Data 1 Positive
Bank 34 Select ID	IO L6P T0_34	Bank 34	P14	IO B34 LP1A7	A7		RGMII0 TRP2				Ethernet Data 2 Negative
Bank 34 Select ID	IO L6N T0_VREF_34	Bank 34	R14	IO B34 LN1A7	A7		RGMII0 TRN2				Ethernet Data 2 Positive
Bank 34 Select ID	IO L5N T0_34	Bank 34	T15	IO B34 LP1A8	A8		RGMII0 TRP3				Ethernet Data 3 Negative
Bank 34 Select ID	IO L5N T1_34	Bank 34	T15	IO B34 LN1A8	A8		RGMII0 TRN3				Ethernet Data 3 Positive
Bank 34 Select ID	IO L11P T1_S0C_34	Bank 34	U14	IO B34 LP1A9	A9		RGMII0 TRP4				Ethernet Data 3 Negative
Bank 34 Select ID	IO L11N T1_S0C_34	Bank 34	U15	IO B34 LN1A9	A9		RGMII0 TRN4				Ethernet Data 3 Positive
Bank 34 Select ID	IO L10P T0_34	Bank 34	R16	IO B34 LP1A4	A4		RGMII0 LED_LIN0				Ethernet PHY Management data input/output / 1.8V IO Standard
Bank 34 Select ID	IO L10N T0_34	Bank 34	R16	IO B34 LN1A4	A4		RGMII0 LED_ACT				Ethernet Status LED / Output / 1.8V IO Standard
Bank 34 Select ID	IO L14P T3_00S_34	Bank 34	V17	IO B34 LP1A5	A5		RGMII0 LED_LIN1				Ethernet PHY Management data input/output / 1.8V IO Standard
Bank 34 Select ID	IO L14N T3_00S_34	Bank 34	V18	IO B34 LN1A5	A5		RGMII0 LED_ACT				Ethernet Status LED / Output / 1.8V IO Standard
Bank 34 Select ID	IO L12P T3_00S_34	Bank 34	R18	IO B34 LP1A6	A6		RGMII0 LED_LIN2				Ethernet PHY Management data input/output / 1.8V IO Standard
Bank 34 Select ID	IO L12N T3_00S_34	Bank 34	R18	IO B34 LN1A6	A6		RGMII0 LED_ACT				Ethernet Status LED / Output / 1.8V IO Standard
Bank 34 Select ID	IO L10P T3_VREF_34	Bank 34	R17	IO B34 LP1A3	A3		RGMII0 LED_LIN3				Ethernet PHY Management data input/output / 1.8V IO Standard
Bank 34 Select ID	IO L10N T3_VREF_34	Bank 34	R17	IO B34 LN1A3	A3		RGMII0 LED_ACT				Ethernet Status LED / Output / 1.8V IO Standard
Output signal used to feed watchdog				MDT_FEED_OUT	A22		VDDIO_38B_P5				Power-supply for Peripherals of Bank 38B(3.3V) / Output
This MISO signal to MDT_FEED_OUT to enable watchdog; leave open to disable watchdog.				MDT_FEED_IN	A23		VCSBATT				Description key memory backup supply / Input / If not used, should be tied to GND or 1.8V.
Bank 34 Select ID	IO L18P T1_34	Bank 34	V16	PS MD09(USBHS D7)	C18	Bank 581	PS MD09_581			Bank 581 MID / USB1 Controller Signal by default / 1.8V IO Standard	
Bank 34 Select ID	IO L18N T1_34	Bank 34	V16	PS MD28(USBHS D4)	C16	Bank 581	PS MD28_581			Bank 581 MID / USB1 Controller Signal by default / 1.8V IO Standard	
Bank 34 Select ID	IO L18P T2_34	Bank 34	V09	PS MD08(USBHS STP)	C15	Bank 581	PS MD08_581			Bank 581 MID / USB1 Controller Signal by default / 1.8V IO Standard	
Bank 34 Select ID	IO L18N T2_34	Bank 34	V09	PS MD03(USBHS D1)	D15	Bank 581	PS MD03_581			Bank 581 MID / USB1 Controller Signal by default / 1.8V IO Standard	
Bank 34 Select ID	IO L18P T3_00S_34	Bank 34	T08	PS MD04(USBHS D2)	C13	Bank 581	PS MD04_581			Bank 581 MID / USB1 Controller Signal by default / 1.8V IO Standard	
Bank 34 Select ID	IO L15N T2_00S_34	Bank 34	U08	PS MD34(USBHS D3)	A12	Bank 581	PS MD34_581			Bank 581 MID / USB1 Controller Signal by default / 1.8V IO Standard	
Bank 34 Select ID	IO L17P T1_34	Bank 34	V16	PS MD08(USBHS D6)	E13	Bank 581	PS MD08_581			Bank 581 MID / USB1 Controller Signal by default / 1.8V IO Standard	
Bank 34 Select ID	IO L7N T1_34	Bank 34	V17	PS MD09(USBHS D7)	E12	Bank 581	PS MD09_581			Bank 581 MID / USB1 Controller Signal by default / 1.8V IO Standard	
Bank 34 Select ID	IO L17P T2_34	Bank 34	V16	PS MD02(USBHS D0)	A11	Bank 581	PS MD02_581			Bank 581 MID / USB1 Controller Signal by default / 1.8V IO Standard	
Bank 34 Select ID	IO L17N T2_34	Bank 34	V19	PS MD37(USBHS D5)	A18	Bank 581	PS MD37_581			Bank 581 MID / USB1 Controller Signal by default / 1.8V IO Standard	
Bank 34 Select ID	IO L14P T3_34	Bank 34	P15	S020B_GND	C17	Bank 581	PS MD04_581			SDIO Command / 1.8V IO Standard	
Bank 34 Select ID	IO L14N T3_34	Bank 34	P16	S020B_D4	C18	Bank 581	PS MD04_581			SDIO Data 1 / 1.8V IO Standard	
Bank 34 Select ID	IO L13P T3_34	Bank 34	P16	S020B_D5	C19	Bank 581	PS MD04_581			SDIO Data 2 / 1.8V IO Standard	
Bank 34 Select ID	IO L12N T3_34	Bank 34	P16	S020B_D6	C20	Bank 581	PS MD04_581			SDIO Data 3 / 1.8V IO Standard	
Bank 34 Select ID	IO L12P T3_34	Bank 34	P16	S020B_D7	C21	Bank 581	PS MD04_581			SDIO Data 4 / 1.8V IO Standard	
Bank 34 Select ID	IO L12N T3_34	Bank 34	P16	S020B_D8	C22	Bank 581	PS MD04_581			SDIO Data 5 / 1.8V IO Standard	
Bank 34 Select ID	IO L12P T3_34	Bank 34	P16	S020B_D9	C23	Bank 581	PS MD04_581			SDIO Data 6 / 1.8V IO Standard	
Bank 34 Select ID	IO L12N T3_34	Bank 34	P16	S020B_D10	C24	Bank 581	PS MD04_581			SDIO Data 7 / 1.8V IO Standard	
Bank 34 Select ID	IO L12P T3_34	Bank 34	P16	S020B_D11	C25	Bank 581	PS MD04_581			SDIO Data 8 / 1.8V IO Standard	
Bank 34 Select ID	IO L12N T3_34	Bank 34	P16	S020B_D12	C26	Bank 581	PS MD04_581			SDIO Data 9 / 1.8V IO Standard	
Bank 34 Select ID	IO L12P T3_34	Bank 34	P16	S020B_D13	C27	Bank 581	PS MD04_581			SDIO Data 10 / 1.8V IO Standard	
Bank 34 Select ID	IO L12N T3_34	Bank 34	P16	S020B_D14	C28	Bank 581	PS MD04_581			SDIO Data 11 / 1.8V IO Standard	
Bank 34 Select ID	IO L12P T3_34	Bank 34	P16	S020B_D15	C29	Bank 581	PS MD04_581			SDIO Data 12 / 1.8V IO Standard	
Bank 34 Select ID	IO L12N T3_34	Bank 34	P16	S020B_D16	C30	Bank 581	PS MD04_581			SDIO Data 13 / 1.8V IO Standard	
Bank 34 Select ID	IO L12P T3_34	Bank 34	P16	S020B_D17	C31	Bank 581	PS MD04_581			SDIO Data 14 / 1.8V IO Standard	
Bank 34 Select ID	IO L12N T3_34	Bank 34	P16	S020B_D18	C32	Bank 581	PS MD04_581			SDIO Data 15 / 1.8V IO Standard	
Bank 34 Select ID	IO L12P T3_34	Bank 34	P16	S020B_D19	C33	Bank 581	PS MD04_581			SDIO Data 16 / 1.8V IO Standard	
Bank 34 Select ID	IO L12N T3_34	Bank 34	P16	S020B_D20	C34	Bank 581	PS MD04_581			SDIO Data 17 / 1.8V IO Standard	
Bank 34 Select ID	IO L12P T3_34	Bank 34	P16	S020B_D21	C35	Bank 581	PS MD04_581			SDIO Data 18 / 1.8V IO Standard	
Bank 34 Select ID	IO L12N T3_34	Bank 34	P16	S020B_D22	C36	Bank 581	PS MD04_581			SDIO Data 19 / 1.8V IO Standard	
Bank 34 Select ID	IO L12P T3_34	Bank 34	P16	S020B_D23	C37	Bank 581	PS MD04_581			SDIO Data 20 / 1.8V IO Standard	
Bank 34 Select ID	IO L12N T3_34	Bank 34	P16	S020B_D24	C38	Bank 581	PS MD04_581			SDIO Data 21 / 1.8V IO Standard	
Bank 34 Select ID	IO L12P T3_34	Bank 34	P16	S020B_D25	C39	Bank 581	PS MD04_581			SDIO Data 22 / 1.8V IO Standard	
Bank 34 Select ID	IO L12N T3_34	Bank 34	P16	S020B_D26	C40	Bank 581	PS MD04_581			SDIO Data 23 / 1.8V IO Standard	
Bank 34 Select ID	IO L12P T3_34	Bank 34	P16	S020B_D27	C41	Bank 581	PS MD04_581			SDIO Data 24 / 1.8V IO Standard	
Bank 34 Select ID	IO L12N T3_34	Bank 34	P16	S020B_D28	C42	Bank 581	PS MD04_581			SDIO Data 25 / 1.8V IO Standard	
Bank 34 Select ID	IO L12P T3_34	Bank 34	P16	S020B_D29	C43	Bank 581	PS MD04_581			SDIO Data 26 / 1.8V IO Standard	
Bank 34 Select ID	IO L12N T3_34	Bank 34	P16	S020B_D30	C44	Bank 581	PS MD04_581			SDIO Data 27 / 1.8V IO Standard	
Bank 34 Select ID	IO L12P T3_34	Bank 34	P16	S020B_D31	C45	Bank 581	PS MD04_581			SDIO Data 28 / 1.8V IO Standard	
Bank 34 Select ID	IO L12N T3_34	Bank 34	P16	S020B_D32	C46	Bank 581	PS MD04_581			SDIO Data 29 / 1.8V IO Standard	
Bank 34 Select ID	IO L12P T3_34	Bank 34	P16	S020B_D33	C47	Bank 581	PS MD04_581			SDIO Data 30 / 1.8V IO Standard	
Bank 34 Select ID	IO L12N T3_34	Bank 34	P16	S020B_D34	C48	Bank 581	PS MD04_581			SDIO Data 31 / 1.8V IO Standard	
Bank 34 Select ID	IO L12P T3_34	Bank 34	P16	S020B_D35	C49	Bank 581	PS MD04_581			SDIO Data 32 / 1.8V IO Standard	
Bank 34 Select ID	IO L12N T3_34	Bank 34	P16	S020B_D36	C50	Bank 581	PS MD04_581			SDIO Data 33 / 1.8V IO Standard	
Bank 34 Select ID	IO L12P T3_34	Bank 34	P16	S020B_D37	C51	Bank 581	PS MD04_581			SDIO Data 34 / 1.8V IO Standard	
Bank 34 Select ID	IO L12N T3_34	Bank 34	P16	S020B_D38	C52	Bank 581	PS MD04_581			SDIO Data 35 / 1.8V IO Standard	
Bank 34 Select ID	IO L12P T3_34	Bank 34	P16	S020B_D39	C53	Bank 581	PS MD04_581			SDIO Data 36 / 1.8V IO Standard	
Bank 34 Select ID	IO L12N T3_34	Bank 34	P16	S020B_D40	C54	Bank 581	PS MD04_581			SDIO Data 37 / 1.8V IO Standard	
Bank 34 Select ID	IO L12P T3_34	Bank 34	P16	S020B_D41	C55	Bank 581	PS MD04_581			SDIO Data 38 / 1.8V IO Standard	
Bank 34 Select ID	IO L12N T3_34	Bank 34	P16	S020B_D42	C56	Bank 581	PS MD04_581			SDIO Data 39 / 1.8V IO Standard	
Bank 34 Select ID	IO L12P T3_34	Bank 34	P16	S020B_D43	C57	Bank 581	PS MD04_581			SDIO Data 40 / 1.8V IO Standard	
Bank 34 Select ID	IO L12N T3_34	Bank 34	P16	S020B_D44	C58	Bank 581	PS MD04_581			SDIO Data 41 / 1.8V IO Standard	
Bank 34 Select ID	IO L12P T3_34	Bank 34	P16	S020B_D45	C59	Bank 581	PS MD04_581			SDIO Data 42 / 1.8V IO Standard	
Bank 34 Select ID	IO L12N T3_34	Bank 34	P16	S020B_D46	C60	Bank 581	PS MD04_581			SDIO Data 43 / 1.8V IO Standard	
Bank 34 Select ID	IO L12P T3_34	Bank 34	P16	S020B_D47	C61	Bank 581	PS MD04_581			SDIO Data 44 / 1.8V IO Standard	
Bank 34 Select ID	IO L12N T3_34	Bank 34	P16	S020B_D48	C62	Bank 581	PS MD04_581			SDIO Data 45 / 1.8V IO Standard	
Bank 34 Select ID	IO L12P T3_34	Bank 34	P16	S020B_D49	C63	Bank 581	PS MD04_581			SDIO Data 46 / 1.8V IO Standard	
Bank 34 Select ID	IO L12N T3_34	Bank 34	P16	S020B_D50	C64	Bank 581	PS MD04_581			SDIO Data 47 / 1.8V IO Standard	
Bank 34 Select ID	IO L12P T3_34	Bank 34	P16	S020B_D51	C65	Bank 581	PS MD04_581			SDIO Data 48 / 1.8V IO Standard	
Bank 34 Select ID	IO L12N T3_34	Bank 34	P16	S020B_D52	C66	Bank 581	PS MD04_581			SDIO Data 49 / 1.8V IO Standard	
Bank 34 Select ID	IO L12P T3_34	Bank 34	P16	S020B_D53	C67	Bank 581	PS MD04_581			SDIO Data 50 / 1.8V IO Standard	
Bank 34 Select ID	IO L12N T3_34	Bank 34	P16	S020B_D54	C68	Bank 581	PS MD04_581			SDIO Data 51 / 1.8V IO Standard	
Bank 34 Select ID	IO L12P T3_34	Bank 34	P16	S020B_D55	C69	Bank 581	PS MD04_581			SDIO Data 52 / 1.8V IO Standard	
Bank 34 Select ID	IO L12N T3_34	Bank 34	P16	S020B_D56	C70	Bank 581	PS MD04_581			SDIO Data 53 / 1.8V IO Standard	
Bank 34 Select ID	IO L12P T3_34	Bank 34	P16	S020B_D57	C71	Bank 581	PS MD04_581			SDIO Data 54 / 1.8V IO Standard	
Bank 34 Select ID	IO L12N T3_34	Bank 34	P16	S020B_D58	C72	Bank 581	PS MD04_581			SDIO Data 55 / 1.8V IO Standard	
Bank 34 Select ID	IO L12P T3_34	Bank 34	P16	S020B_D59	C73	Bank 581	PS MD04_581			SDIO Data 56 / 1.8V IO Standard	
Bank 34 Select ID	IO L12N T3_34	Bank 34	P16	S020B_D60	C74	Bank 581	PS MD04_581			SDIO Data 57 / 1.8V IO Standard	
Bank 34 Select ID	IO L12P T3_34	Bank 34	P16	S020B_D61	C75	Bank 581	PS MD04_581			SDIO Data 58 / 1.8V IO Standard	
Bank 34 Select ID	IO L12N T3_34	Bank 34	P16	S020B_D62	C76	Bank 581	PS MD04_581			SDIO Data 59 / 1.8V IO Standard	
Bank 34 Select ID	IO L12P T3_34	Bank 34	P16	S020B_D63	C77	Bank 581					