MYD-CZU3EG/4EV/5EV PIN MAP

Version：V1.1　2021.03.04

Function	SoC Pin Name	Bank	Ball	Net Name	J2	Net Name	Ball	Bank	SoC Pin Name	Function
Ground				GND	1 2	VCC_IN_COM			DC 3.3V	SOM POWER DC 3.3V
sfp	MGTHTXP3_224	Bank 224	N4	MGTHTXP3_224	3 4	VCC_IN_COM			DC 3.3V	SOM POWER DC 3.3V
sfp	MGTHTXN3_224	Bank 224	N3	MGTHTXN3_224	5 6	VCC_IN_COM			DC 3.3V	SOM POWER DC 3.3V
Ground				GND	7 8	GND			Ground	Ground
sfp	MGTHRXP3 224	Bank 224	P2	MGTHRXP3 224	9 10	MGTHTXP2 224	R4	Bank 224	MGTHTXP2 224	sfp
sfp	MGTHRXN3_224	Bank 224	P1	MGTHRXN3_224	11 12	MGTHTXN2_224	R3	Bank 224	MGTHTXN2_224	sfp
Ground				GND	13 14	GND			Ground	Ground
sfp	MGTHTXP1_224	Bank 224	U4	MGTHTXP1_224	15 16	MGTHRXP2_224	T2	Bank 224	MGTHRXP2_224	sfp
sfp	MGTHTXN1_224	Bank 224	U3	MGTHTXN1_224	17 18	MGTHRXN2_224	T1	Bank 224	MGTHRXN2_224	sfp
Ground				GND	19 20	GND			Ground	Ground
sfp	MGTHRXP1_224	Bank 224	V2	MGTHRXP1_224	21 22	MGTHTXP0_224	W4	Bank 224	MGTHTXP0_224	sfp
sfp	MGTHRXN1_224	Bank 224	V1	MGTHRXN1_224	23 24	MGTHTXN0_224	W3	Bank 224	MGTHTXN0_224	sfp
Ground				GND	25 26	GND			Ground	Ground
sfp	MGTREFCLK0P 224	Bank 224	Y6	MGTREFCLK0P 224	27 28	MGTHRXP0 224	Y2	Bank 224	MGTHRXP0 224	sfp
sfp	MGTREFCLK0N 224	Bank 224	Y5	MGTREFCLK0N 224	29 30	MGTHRXN0 224	Y1	Bank 224	MGTHRXN0 224	sfp
Ground				GND	31 32	GND			Ground	Ground
IO_T0U_N12_VRP_65	IO_T0U_N12_VRP_65	Bank 65	W9	IO_T0U_N12_VRP_65	33 34	IO_L4P_T0U_N6_DBC_AD7P_SMBALERT_65	R8	Bank 65	IO_L4P_T0U_N6_DBC_AD7P_SMBALERT_65	FMC
SFP_RB_TX_Disable	IO_T2U_N12_65	Bank 65	P9	IO_T2U_N12_65	35 36	IO_L4N_T0U_N7_DBC_AD7N_65	T8	Bank 65	IO_L4N_T0U_N7_DBC_AD7N_65	FMC
D41	IO T3U N12 65	Bank 65	K5	IO T3U N12 65	37 38	IO L15P T2L N4 AD11P 65	N7	Bank 65	IO L15P T2L N4 AD11P 65	SCL
SFP_RT_TX_Disable	IO_T1U_N12_65	Bank 65	H2	IO_T1U_N12_65	39 40	IO_L15N_T2L_N5_AD11N_65	N6	Bank 65	IO_L15N_T2L_N5_AD11N_65	SDA
BANK 65 POWER DC 1.8V	VCCO_65	Bank 65		VCCO_65	41 42	GND			Ground	Ground
D13	IO_L13P_T2L_N0_GC_QBC_65	Bank 65	L7	IO_L13P_T2L_N0_GC_QBC_65	43 44	IO_L6P_T0U_N10_AD6P_65	R6	Bank 65	IO_L6P_T0U_N10_AD6P_65	FMC
D12	IO_L13N_T2L_N1_GC_QBC_65	Bank 65	L6	IO_L13N_T2L_N1_GC_QBC_65	45 46	IO_L6N_T0U_N11_AD6N_65	T6	Bank 65	IO_L6N_T0U_N11_AD6N_65	FMC
FMC	IO L7P T1L N0 QBC AD13P 65	Bank 65	L1	IO L7P T1L N0 QBC AD13P 6	47 48	IO L16P T2U N6 QBC AD3P 65	P7	Bank 65	IO L16P T2U N6 QBC AD3P 65	D11
FMC	IO_L7N_T1L_N1_QBC_AD13N_65	Bank 65	K1	IO_L7N_T1L_N1_QBC_AD13N_6	49 50	IO_L16N_T2U_N7_QBC_AD3N_65	P6	Bank 65	IO_L16N_T2U_N7_QBC_AD3N_65	D10
Ground				GND	51 52	GND			Ground	Ground
D9	IO_L14P_T2L_N2_GC_65	Bank 65	M6	IO_L14P_T2L_N2_GC_65	53 54	IO_L2P_T0L_N2_65	U9	Bank 65	IO_L2P_T0L_N2_65	FMC
D8	IO_L14N_T2L_N3_GC_65	Bank 65	L5	IO_L14N_T2L_N3_GC_65	55 56	IO_L2N_T0L_N3_65	V9	Bank 65	IO_L2N_T0L_N3_65	FMC
FMC	IO L1P T0L N0 DBC 65	Bank 65	W8	IO L1P T0L N0 DBC 65	57 58	IO L12P T1U N10 GC 64	AE5	Bank 64	IO L12P T1U N10 GC 64	SFP_LB_TX_Disable
FMC	IO_L1N_T0L_N1_DBC_65	Bank 65	Y8	IO_L1N_T0L_N1_DBC_65	59 60	IO_L12N_T1U_N11_GC_64	AF5	Bank 64	IO_L12N_T1U_N11_GC_64	SFP_LT_TX_Disable
Ground				GND	61 62	GND			Ground	Ground
D7	IO_L24P_T3U_N10_64	Bank 64	AF1	IO_L24P_T3U_N10_64	63 64	IO_L21P_T3L_N4_AD8P_65	J7	Bank 65	IO_L21P_T3L_N4_AD8P_65	SCL_select
D6	IO_L24N_T3U_N11_64	Bank 64	AG1	IO_L24N_T3U_N11_64	65 66	IO_L21N_T3L_N5_AD8N_65	H7	Bank 65	IO_L21N_T3L_N5_AD8N_65	SDA_select
D5	IO L18P T2U N10 AD2P 65	Bank 65	M8	IO L18P T2U N10 AD2P 65	67 68	IO L22P T3U N6 DBC AD8P 64	AE2	Bank 64	IO L22P T3U N6 DBC AD8P 64	D3
D4	IO_L18N_T2U_N11_AD2N_65	Bank 65	L8	IO_L18N_T2U_N11_AD2N_65	69 70	IO_L22N_T3U_N7_DBC_AD0N_64	AF2	Bank 64	IO_L22N_T3U_N7_DBC_AD0N_64	D2
RTC POWER DC 1.2V-1.5V	VCC_PSBATT			VCC_PSBATT	71 72	GND			Ground	Ground
D1	IO_L23P_T3U_N8_64	Bank 64	AH2	IO_L23P_T3U_N8_64	73 74	IO_L10P_T1U_N6_QBC_AD4P_64	AG6	Bank 64	IO_L10P_T1U_N6_QBC_AD4P_64	HDMI/LCD_B0
PMOD2	IO_L23N_T3U_N9_64	Bank 64	AH1	IO_L23N_T3U_N9_64	75 76	IO_L10N_T1U_N7_QBC_AD4N_64	AG5	Bank 64	IO_L10N_T1U_N7_QBC_AD4N_64	HDMI/LCD_B1
D0	IO L22P T3U N6 DBC AD0P 65	Bank 65	K8	IO L22P T3U N6 DBC AD0P 6	77 78	IO L14P T2L N2 GC 64	AC4	Bank 64	IO L14P T2L N2 GC 64	HDMI/LCD_B2
D37	IO_L22N_T3U_N7_DBC_AD0N_65	Bank 65	K7	IO_L22N_T3U_N7_DBC_AD0N_6	79 80	IO_L14N_T2L_N3_GC_64	AC3	Bank 64	IO_L14N_T2L_N3_GC_64	HDMI/LCD_B3
Ground				GND	81 82	GND			Ground	Ground
ADC0_IN	IO_L20P_T3L_N2_AD1P_64	Bank 64	AG3	IO_L20P_T3L_N2_AD1P_64	83 84	IO_L16P_T2U_N6_QBC_AD3P_64	AD2	Bank 64	IO_L16P_T2U_N6_QBC_AD3P_64	ADC1_IN
PMOD2	IO_L20N_T3L_N3_AD1N_64	Bank 64	AH3	IO_L20N_T3L_N3_AD1N_64	85 86	IO_L16N_T2U_N7_QBC_AD3N_64	AD1	Bank 64	IO_L16N_T2U_N7_QBC_AD3N_64	HDMI/LCD_B4
FMC	IO L12P T1U N10 GC 65	Bank 65	L3	IO L12P T1U N10 GC 65	87 88	IO L6P T0U N10 AD6P 64	AB6	Bank 64	IO L6P T0U N10 AD6P 64	HDMI/LCD_B5
FMC	IO_L12N_T1U_N11_GC_65	Bank 65	L2	IO_L12N_T1U_N11_GC_65	89 90	IO_L6N_T0U_N11_AD6N_64	AC6	Bank 64	IO_L6N_T0U_N11_AD6N_64	HDMI/LCD_B6
Ground				GND	91 92	VCCO_64			VCCO_64	BANK 64 POWER DC 1.8V
FMC	IO_L3P_T0L_N4_AD15P_65	Bank 65	U8	IO_L3P_T0L_N4_AD15P_65	93 94	IO_T0U_N12_VRP_64	AD6	Bank 64	IO_T0U_N12_VRP_64	HDMI/LCD_B7
FMC	IO_L3N_T0L_N5_AD15N_65	Bank 65	V8	IO_L3N_T0L_N5_AD15N_65	95 96	IO_T1U_N12_64	AH6	Bank 64	IO_T1U_N12_64	HDMI/LCD_G0
FMC	IO L9P T1L N4 AD12P 65	Bank 65	K2	IO L9P T1L N4 AD12P 65	97 98	IO T2U N12 64	AB5	Bank 64	IO T2U N12 64	HDMI/LCD_G1
FMC	IO_L9N_T1L_N5_AD12N_65	Bank 65	J2	IO_L9N_T1L_N5_AD12N_65	99 100	IO_T3U_N12_64	AE4	Bank 64	IO_T3U_N12_64	HDMI/LCD_G2
Ground				GND	101 102	GND			Ground	Ground
PMOD2	IO_L13P_T2L_N0_GC_QBC_64	Bank 64	AD5	IO_L13P_T2L_N0_GC_QBC_64	103 104	IO_L15P_T2L_N4_AD11P_64	AB4	Bank 64	IO_L15P_T2L_N4_AD11P_64	ADC2_IN
PMOD2	IO_L13N_T2L_N1_GC_QBC_64	Bank 64	AD4	IO_L13N_T2L_N1_GC_QBC_64	105 106	IO_L15N_T2L_N5_AD11N_64	AB3	Bank 64	IO_L15N_T2L_N5_AD11N_64	HDMI/LCD_G3
FMC	IO L11P T1U N8 GC 65	Bank 65	K4	IO L11P T1U N8 GC 65	107 108	IO L5P T0U N8 AD14P 65	R7	Bank 65	IO L5P T0U N8 AD14P 65	FMC
FMC	IO_L11N_T1U_N9_GC_65	Bank 65	K3	IO_L11N_T1U_N9_GC_65	109 110	IO_L5N_T0U_N9_AD14N_65	T7	Bank 65	IO_L5N_T0U_N9_AD14N_65	FMC
Ground				GND	111 112	GND			Ground	Ground
ADC3_IN	IO_L19P_T3L_N0_DBC_AD9P_64	Bank 64	AG4	IO_L19P_T3L_N0_DBC_AD9P_6	113 114	IO_L10P_T1U_N6_QBC_AD4P_65	H4	Bank 65	IO_L10P_T1U_N6_QBC_AD4P_65	FMC
PMOD2	IO_L19N_T3L_N1_DBC_AD9N_64	Bank 64	AH4	IO_L19N_T3L_N1_DBC_AD9N_6	115 116	IO_L10N_T1U_N7_QBC_AD4N_65	H3	Bank 65	IO_L10N_T1U_N7_QBC_AD4N_65	FMC
PMOD2	IO L21P T3L N4 ADBP 64	Bank 64	AE3	IO L21P T3L N4 ADBP 64	117 118	IO L11P T1U N8 GC 64	AF7	Bank 64	IO L11P T1U N8 GC 64	HDMI/LCD_G4
PMOD2	IO_L21N_T3L_N5_AD8N_64	Bank 64	AF3	IO_L21N_T3L_N5_AD8N_64	119 120	IO_L11N_T1U_N9_GC_64	AF6	Bank 64	IO_L11N_T1U_N9_GC_64	HDMI/LCD_G5
Ground				GND	121 122	GND			Ground	Ground
PMOD1	IO_L19P_T3L_N0_DBC_AD9P_65	Bank 65	J5	IO_L19P_T3L_N0_DBC_AD9P_6	123 124	IO_L5P_T0U_N8_AD14P_64	AB7	Bank 64	IO_L5P_T0U_N8_AD14P_64	HDMI/LCD_G6
PMOD1	IO L19N T3L N1 DBC AD9N 65	Bank 65	J4	IO L19N T3L N1 DBC AD9N 6	125 126	IO L5N T0U N9 AD14N 64	AC7	Bank 64	IO L5N T0U N9 AD14N 64	HDMI/LCD DCLK
PMOD1	IO_L17P_T2U_N8_AD10P_65	Bank 65	N9	IO_L17P_T2U_N8_AD10P_65	127 128	IO_L3P_T0L_N4_AD15P_64	AB8	Bank 64	IO_L3P_T0L_N4_AD15P_64	HDMI/LCD_G7
PMOD1	IO_L17N_T2U_N9_AD10N_65	Bank 65	N8	IO_L17N_T2U_N9_AD10N_65	129 130	IO_L3N_T0L_N5_AD15N_64	AC8	Bank 64	IO_L3N_T0L_N5_AD15N_64	HDMI/LCD_R0
Ground				GND	131 132	GND			Ground	Ground
PMOD1	IO_L23P_T3U_N8_I2C_SCLK_65	Bank 65	K9	IO_L23P_T3U_N8_I2C_SCLK_6	133 134	IO_L4P_T0U_N6_DBC_AD7P_64	AD7	Bank 64	IO_L4P_T0U_N6_DBC_AD7P_64	HDMI/LCD_R1
PMOD1	IO L23N T3U N9 65	Bank 65	J9	IO L23N T3U N9 65	135 136	IO L4N T0U N7 DBC AD7N 64	AE7	Bank 64	IO L4N T0U N7 DBC AD7N 64	HDMI/LCD_R2
FMC	IO_L8P_T1L_N2_AD5P_65	Bank 65	J1	IO_L8P_T1L_N2_AD5P_65	137 138	IO_L7P_T1L_N0_QBC_AD13P_64	AG9	Bank 64	IO_L7P_T1L_N0_QBC_AD13P_64	HDMI/LCD_R3
FMC	IO_L8N_T1L_N3_AD5N_65	Bank 65	H1	IO_L8N_T1L_N3_AD5N_65	139 140	IO_L7N_T1L_N1_QBC_AD13N_64	AH9	Bank 64	IO_L7N_T1L_N1_QBC_AD13N_64	HDMI/LCD_R4
Ground				GND	141 142	GND			Ground	Ground
PMOD1	IO_L20P_T3L_N2_AD1P_65	Bank 65	J6	IO_L20P_T3L_N2_AD1P_65	143 144	IO_L24P_T3U_N10_PERSTN1_I2C_SDA_65	H9	Bank 65	IO_L24P_T3U_N10_PERSTN1_I2C_SDA_65	HDMI/LCD_R5
PMOD1	IO L20N T3L N3 AD1N 65	Bank 65	H6	IO L20N T3L N3 AD1N 65	145 146	IO L24N T3U N11 PERSTN0 65	H8	Bank 65	IO L24N T3U N11 PERSTN0 65	HDMI/LCD_R6
ADC4_IN	IO_L18P_T2U_N10_AD2P_64	Bank 64	AB1	IO_L18P_T2U_N10_AD2P_64	147 148	IO_L8P_T1L_N2_AD5P_64	AF8	Bank 64	IO_L8P_T1L_N2_AD5P_64	HDMI/LCD_R7
PMOD2	IO_L18N_T2U_N11_AD2N_64	Bank 64	AC1	IO_L18N_T2U_N11_AD2N_64	149 150	IO_L8N_T1L_N3_AD5N_64	AG8	Bank 64	IO_L8N_T1L_N3_AD5N_64	HDMI/LCD_DE
Ground				GND	151 152	GND			Ground	Ground
ADC5_IN	IO_L17P_T2U_N8_AD10P_64	Bank 64	AB2	IO_L17P_T2U_N8_AD10P_64	153 154	IO_L2P_T0L_N2_64	AE9	Bank 64	IO_L2P_T0L_N2_64	HDMI/LCD_HSYNC
LCD TP INTn	IO L17N T2U N9 AD10N 64	Bank 64	AC2	IO L17N T2U N9 AD10N 64	155 156	IO L2N T0L N3 64	AE8	Bank 64	IO L2N T0L N3 64	HDMI/LCD_VSYNC
LCD_TP_RESET	IO_L9P_T1L_N4_AD12P_64	Bank 64	AH8	IO_L9P_T1L_N4_AD12P_64	157 158	IO_L1P_T0L_N0_DBC_64	AC9	Bank 64	IO_L1P_T0L_N0_DBC_64	HDMI_intn
HDMI_RESET/LCD_PWR_EN	IO_L9N_T1L_N5_AD12N_64	Bank 64	AH7	IO_L9N_T1L_N5_AD12N_64	159 160	IO_L1N_T0L_N1_DBC_64	AD9	Bank 64	IO_L1N_T0L_N1_DBC_64	LCD_BL_CN

Function	SoC Pin Name	Bank	Ball	Net Name	J3	Net Name	Ball	Bank	SoC Pin Name	Function
S1	IO T0U N12 VRP 66	Bank 66	G4	IO T0U N12 VRP 66	1 2	VCC IN COM			DC 3.3V	SOM POWER DC 3.3V
CAN_TX	IO_T2U_N12_66	Bank 66	E7	IO_T2U_N12_66	3 4	VCC_IN_COM			DC 3.3V	SOM POWER DC 3.3V
FMC	IO_T1U_N12_66	Bank 66	D2	IO_T1U_N12_66	5 6	GND			Ground	Ground
CAN_RX	IO_T3U_N12_66	Bank 66	C7	IO_T3U_N12_66	7 8	USER_CLKIN_P			USER_CLKIN_P	SI5338 refence clk in
Ground				GND	9 10	USER CLKIN N			USER CLKIN N	SI5338 refence clk in
FMC	IO L8P T1L N2 AD5P 66	Bank 66	A2	IO L8P T1L N2 AD5P 66	11 12	GND			Ground	Ground
FMC	IO_L8N_T1L_N3_AD5N_66	Bank 66	A1	IO_L8N_T1L_N3_AD5N_66	13 14	USER_CLKOUT_P			USER_CLKOUT_P	SI5338 clk out
FMC	IO_L9P_T1L_N4_AD12P_66	Bank 66	B3	IO_L9P_T1L_N4_AD12P_66	15 16	USER_CLKOUT_N			USER_CLKOUT_N	SI5338 clk out
FMC	IO_L9N_T1L_N5_AD12N_66	Bank 66	A3	IO_L9N_T1L_N5_AD12N_66	17 18	GND			Ground	Ground
Ground				GND	19 20	IO_L13P_T2L_N0_GC_QBC_66	D7	Bank 66	IO_L13P_T2L_N0_GC_QBC_66	FMC
FMC	IO_L5P_T0U_N8_AD14P_66	Bank 66	E4	IO_L5P_T0U_N8_AD14P_66	21 22	IO_L13N_T2L_N1_GC_QBC_66	D6	Bank 66	IO_L13N_T2L_N1_GC_QBC_66	FMC
FMC	IO_L5N_T0U_N9_AD14N_66	Bank 66	E3	IO_L5N_T0U_N9_AD14N_66	23 24	IO_L10P_T1U_N6_QBC_AD4P_66	B4	Bank 66	IO_L10P_T1U_N6_QBC_AD4P_66	FMC
FMC	IO_L4P_T0U_N6_DBC_AD7P_66	Bank 66	G3	IO_L4P_T0U_N6_DBC_AD7P_66	25 26	IO_L10N_T1U_N7_QBC_AD4N_66	A4	Bank 66	IO_L10N_T1U_N7_QBC_AD4N_66	FMC
FMC	IO_L4N_T0U_N7_DBC_AD7N_66	Bank 66	F3	IO_L4N_T0U_N7_DBC_AD7N_66	27 28	GND			Ground	Ground
Ground				GND	29 30	IO L2P T0L N2 66	E1	Bank 66	IO L2P T0L N2 66	FMC
FMC	IO_L14P_T2L_N2_GC_66	Bank 66	E5	IO_L14P_T2L_N2_GC_66	31 32	IO_L2N_T0L_N3_66	D1	Bank 66	IO_L2N_T0L_N3_66	FMC
FMC	IO_L14N_T2L_N3_GC_66	Bank 66	D5	IO_L14N_T2L_N3_GC_66	33 34	IO_L3P_T0L_N4_AD15P_66	F2	Bank 66	IO_L3P_T0L_N4_AD15P_66	FMC
FMC	IO_L12P_T1U_N10_GC_66	Bank 66	C3	IO_L12P_T1U_N10_GC_66	35 36	IO_L3N_T0L_N5_AD15N_66	E2	Bank 66	IO_L3N_T0L_N5_AD15N_66	FMC
FMC	IO_L12N_T1U_N11_GC_66	Bank 66	C2	IO_L12N_T1U_N11_GC_66	37 38	GND			Ground	Ground
Ground				GND	39 40	IO L19P T3L N0 DBC AD9P 66	B5	Bank 66	IO L19P T3L N0 DBC AD9P 66	FMC
FMC	IO_L6P_T0U_N10_AD6P_66	Bank 66	G5	IO_L6P_T0U_N10_AD6P_66	41 42	IO_L19N_T3L_N1_DBC_AD9N_66	A5	Bank 66	IO_L19N_T3L_N1_DBC_AD9N_66	FMC
FMC	IO_L6N_T0U_N11_AD6N_66	Bank 66	F5	IO_L6N_T0U_N11_AD6N_66	43 44	IO_L1P_T0L_N0_DBC_66	G1	Bank 66	IO_L1P_T0L_N0_DBC_66	FMC
FMC	IO_L7P_T1L_N0_QBC_AD13P_66	Bank 66	C1	IO_L7P_T1L_N0_QBC_AD13P_6	45 46	IO_L1N_T0L_N1_DBC_66	F1	Bank 66	IO_L1N_T0L_N1_DBC_66	FMC
FMC	IO_L7N_T1L_N1_QBC_AD13N_66	Bank 66	B1	IO_L7N_T1L_N1_QBC_AD13N_6	47 48	GND			Ground	Ground
Ground				GND	49 50	IO L20P T3L N2 AD1P 66	C6	Bank 66	IO L20P T3L N2 AD1P 66	FMC
FMC	IO_L23P_T3U_N8_66	Bank 66	A9	IO_L23P_T3U_N8_66	51 52	IO_L20N_T3L_N3_AD1N_66	B6	Bank 66	IO_L20N_T3L_N3_AD1N_66	FMC
FMC	IO_L23N_T3U_N9_66	Bank 66	A8	IO_L23N_T3U_N9_66	53 54	IO_L11P_T1U_N8_GC_66	D4	Bank 66	IO_L11P_T1U_N8_GC_66	FMC
FMC	IO_L15P_T2L_N4_AD11P_66	Bank 66	G6	IO_L15P_T2L_N4_AD11P_66	55 56	IO_L11N_T1U_N9_GC_66	C4	Bank 66	IO_L11N_T1U_N9_GC_66	FMC
FMC	IO_L15N_T2L_N5_AD11N_66	Bank 66	F6	IO_L15N_T2L_N5_AD11N_66	57 58	GND			Ground	Ground
Ground				GND	59 60	IO L21P T3L N4 ADBP 66	A7	Bank 66	IO L21P T3L N4 ADBP 66	FMC
FMC	IO_L24P_T3U_N10_66	Bank 66	C9	IO_L24P_T3U_N10_66	61 62	IO_L21N_T3L_N5_AD8N_66	A6	Bank 66	IO_L21N_T3L_N5_AD8N_66	FMC
FMC	IO_L24N_T3U_N11_66	Bank 66	B9	IO_L24N_T3U_N11_66	63 64	IO_L22P_T3U_N6_DBC_AD8P_66	C8	Bank 66	IO_L22P_T3U_N6_DBC_AD8P_66	FMC
FMC	IO_L18P_T2U_N10_AD2P_66	Bank 66	E9	IO_L18P_T2U_N10_AD2P_66	65 66	IO_L22N_T3U_N7_DBC_AD8N_66	B8	Bank 66	IO_L22N_T3U_N7_DBC_AD8N_66	FMC
FMC	IO_L18N_T2U_N11_AD2N_66	Bank 66	D9	IO_L18N_T2U_N11_AD2N_66	67 68	GND			Ground	Ground
Ground				GND	69 70	IO L17P T2U N8 AD10P 66	F8	Bank 66	IO L17P T2U N8 AD10P 66	FMC
USB Data plus	USB_PHY_DP			USB_PHY_DP	71 72	IO_L17N_T2U_N9_AD10N_66	E8	Bank 66	IO_L17N_T2U_N9_AD10N_66	FMC
USB Data minus	USB_PHY_DM			USB_PHY_DM	73 74	IO_L16P_T2U_N6_QBC_AD3P_66	G8	Bank 66	IO_L16P_T2U_N6_QBC_AD3P_66	FMC
PSMIO POWER DC 1.8V				VCC_PSMIO_COM	75 76	IO_L16N_T2U_N7_QBC_AD3N_66	F7	Bank 66	IO_L16N_T2U_N7_QBC_AD3N_66	FMC
USB OTG ID	USB_PHY_ID			USB_PHY_ID	77 78	VCCO_66			VCCO_66	BANK 66 POWER DC 1.8V
USB VBUS	USB PHY VBUS			USB PHY VBUS	79 80	ETH MD1 P			ETH MD1 P	Ethernet Data 1 Positive
USB Active high VBUS control output	VBUS_SW_EN			VBUS_SW_EN	81 82	ETH_MD1_N			ETH_MD1_N	Ethernet Data 1 Negative
DP_DOUT	PS_MIO27	Bank 501	J15	PS_MIO27	83 84	GND			Ground	Ground
DP_HP_DET	PS_MIO28	Bank 501	K15	PS_MIO28	85 86	ETH_MD2_P			ETH_MD2_P	Ethernet Data 2 Positive
NC	PS_MIO36	Bank 501	K17	PS_MIO36	87 88	ETH_MD2_N			ETH_MD2_N	Ethernet Data 2 Negative
NC	PS_MIO32	Bank 501	J16	PS_MIO32	89 90	GND			Ground	Ground
PCIE_PERST	PS_MIO31	Bank 501	H16	PS_MIO31	91 92	ETH_MD3_P			ETH_MD3_P	Ethernet Data 3 Positive
NC	PS_MIO33	Bank 501	L16	PS_MIO33	93 94	ETH_MD3_N			ETH_MD3_N	Ethernet Data 3 Negative
NC	PS_MIO37	Bank 501	J17	PS_MIO37	95 96	GND			Ground	Ground
DP DIN	PS MIO30	Bank 501	F16	PS MIO30	97 98	ETH MD4 P			ETH MD4 P	Ethernet Data 4 Positive
DP OE	PS MIO29	Bank 501	G16	PS MIO29	99 100	ETH MD4 N			ETH MD4 N	Ethernet Data 4 Negative
USB_UART_TXD	DEBUG_TXD	Bank 501	H17	DEBUG_TXD	101 102	GND			Ground	Ground
USB_UART_RXD	DEBUG_RXD	Bank 501	L17	DEBUG_RXD	103 104	ETH_LED_LINK			ETH_LED_LINK	Ethernet Status LED
SDIO Data 3	SD1_D3	Bank 501	M18	SD1_D3	105 106	ETH_LED_ACT			ETH_LED_ACT	Ethernet Link LED
SDIO Card Detection	SD1 CD	Bank 501	K20	SD1 CD	107 108	PS LPD EN	J16	Bank 501	PS LPD EN	PS low-power domain on/off
SDIO Write Protected	SD1_WP	Bank 501	J20	SD1_WP	109 110	PS_FPD_EN	L16	Bank 501	PS_FPD_EN	PS full-power domain on/off
SDIO Data 1	SD1_D1	Bank 501	H21	SD1_D1	111 112	PL_PD_EN	K17	Bank 501	PL_PD_EN	PL power domain on/off
SDIO Command	SD1_CMD	Bank 501	M19	SD1_CMD	113 114	PS_VCCO_EN			PS_VCCO_EN	PS POWER OK
SDIO Data 2	SD1_D2	Bank 501	J21	SD1_D2	115 116	PL_VCCO_EN			PL_VCCO_EN	PL POWER OK
SDIO Data 0	SD1 D0	Bank 501	L20	SD1 D0	117 118	PL VCU EN	J17	Bank 501	PL VCU EN	PL VCU POWER OK
SDIO Clock	SD1_CLK	Bank 501	L21	SD1_CLK	119 120	SYS_RESET_IN	N19	Bank 503	SYS_RESET_IN	SYSTEM RESET
JTAG Test Mode Select	PS_JTAG_TMS	Bank 503	N21	PS_JTAG_TMS	121 122	PS_PROG_B	R17	Bank 503	PS_PROG_B	configuration block RESET
JTAG Test Data Output	PS_JTAG_TDO	Bank 503	T21	PS_JTAG_TDO	123 124	PS_MODE0			PS_MODE0	JTAG_MODE
JTAG Test Data Input	PS_JTAG_TDI	Bank 503	R18	PS_JTAG_TDI	125 126	PS_MODE1			PS_MODE1	JTAG_MODE
JTAG Test Clock	PS JTAG TCK	Bank 503	R19	PS JTAG TCK	127 128	PS MODE2			PS MODE2	JTAG MODE
Ground				GND	129 130	GND			Ground	Ground
PCIE	PS_MGTRTXP0_505	Bank 505	E25	PS_MGTRTXP0_505	131 132	PS_MGTRTXP1_505	D23	Bank 505	PS_MGTRTXP1_505	SATA
PCIE	PS_MGTRTXN0_505	Bank 505	E26	PS_MGTRTXN0_505	133 134	PS_MGTRTXN1_505	D24	Bank 505	PS_MGTRTXN1_505	SATA
Ground				GND	135 136	GND			Ground	Ground
USB3.0	PS MGTRTXP2 505	Bank 505	C25	PS MGTRTXP2 505	137 138	PS MGTRRXP3 505	A25	Bank 505	PS MGTRRXP3 505	PS MGTRRXP3 505
USB3.0	PS_MGTRTXN2_505	Bank 505	C26	PS_MGTRTXN2_505	139 140	PS_MGTRRXN3_505	A26	Bank 505	PS_MGTRRXN3_505	PS_MGTRRXN3_505
Ground				GND	141 142	GND			Ground	Ground
SATA	PS_MGTRRXP1_505	Bank 505	D27	PS_MGTRRXP1_505	143 144	PS_MGTRTXP3_505	B23	Bank 505	PS_MGTRTXP3_505	DP display
SATA	PS_MGTRRXN1_505	Bank 505	D28	PS_MGTRRXN1_505	145 146	PS_MGTRTXN3_505	B24	Bank 505	PS_MGTRTXN3_505	DP display
Ground				GND	147 148	GND			Ground	Ground
PCIE	PS_MGTRRXP0_505	Bank 505	F27	PS_MGTRRXP0_505	149 150	PS_MGTRRXP2_505	B27	Bank 505	PS_MGTRRXP2_505	USB3.0
PCIE	PS_MGTRRXN0_505	Bank 505	F28	PS_MGTRRXN0_505	151 152	PS_MGTRRXN2_505	B28	Bank 505	PS_MGTRRXN2_505	USB3.0
Ground				GND	153 154	GND			Ground	Ground
100M_CLOCK	PS_MGTREFCLK0P_505	Bank 505	F23	PS_MGTREFCLK0P_505	155 156	PS_MGTREFCLK1P_505	E21	Bank 505	PS_MGTREFCLK1P_505	125M_clock
100M CLOCK	PS MGTREFCLK0N 505	Bank 505	F24	PS MGTREFCLK0N 505	157 158	PS MGTREFCLK1N 505	E22	Bank 505	PS MGTREFCLK1N 505	125M clock
Ground				GND	159 160	GND			Ground	Ground

GND　VCC　Bank 224　Tips:BANK224 only for 4EV and 5EV

Bank 65　Bank 64　Bank 66

Bank 505　Bank 501　Bank 503

Other