TYPE A

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J1

IO12_INT0_RXD	2		1	X
IO13_INT1_TXD	4		3	X
X	6		5	X
IO0_TMR0	8		7	X
X	10		9	X
IO1_TMR1	12		11	X
IO2_TMR2	14		13	X
X	16		15	X

J4

		12	-
X	11	10	IO15
X	9	8	IO14
X	7	6	X
X	5	4	IO11_AN1
X	3	2	IO10_AN0
X	1		

J2

IO16_TMR3	2		1	X
IO3_INT2_TMR4	4		3	X
IO4_CS_INT3_TMR5	6		5	X
IO5_MOSI_INT4	8		7	X
IO6_MISO_INT5	10		9	X
IO7_CLK_INT6	12		11	X
GND	14		13	X
AREF	16		15	X
IO8_SDA	18		17	X
IO9_SCL	20		19	X

J3

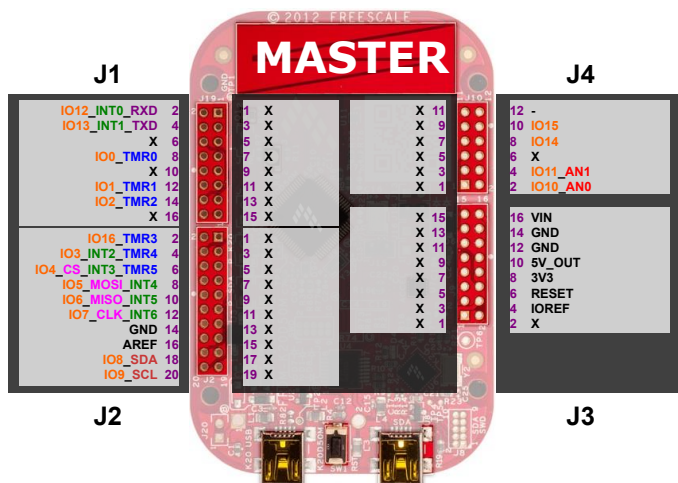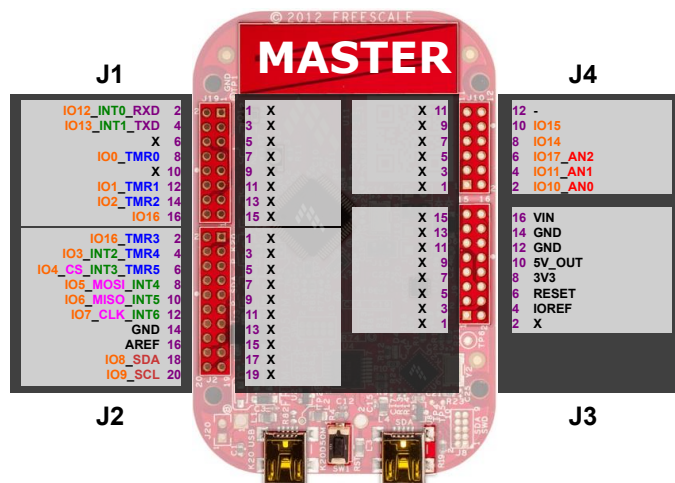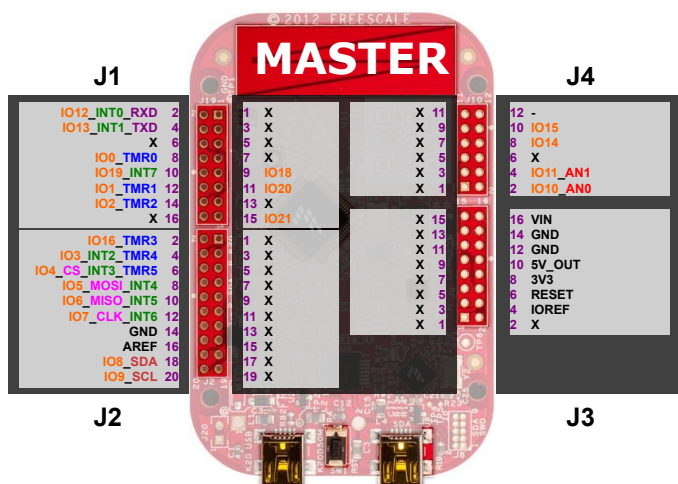| X | 15 | 16 | VIN |
X	13	14	GND
X	11	12	GND
X	9	10	5V_OUT
X	7	8	3V3
X	5	6	RESET
X	3	4	IOREF
X	1	2	X

Works for all FRDM boards*;
also based on Arduino UNO (no PWM on J2/2) and Arduino MEGA (no INT on J1/4, SPI on J2/6/8/10/12)
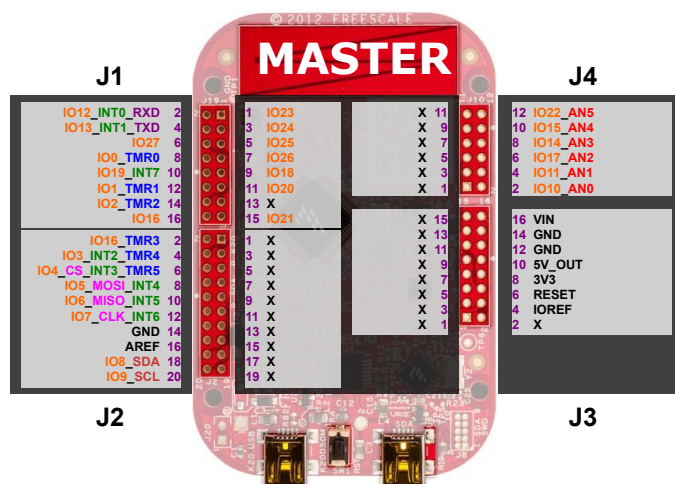NOTE: The KE04Z has the MOSI and MISO pins swapped on J2/8/10

TYPE B

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J1

IO12_INT0_RXD	2		1	X
IO13_INT1_TXD	4		3	X
X	6		5	X
IO0_TMR0	8		7	X
X	10		9	X
IO1_TMR1	12		11	X
IO2_TMR2	14		13	X
X	16		15	X

J4

		12	-
X	11	10	IO15
X	9	8	IO14
X	7	6	IO17_AN2
X	5	4	IO11_AN1
X	3	2	IO10_AN0
X	1		

J2

IO16_TMR3	2		1	X
IO3_INT2_TMR4	4		3	X
IO4_CS_INT3_TMR5	6		5	X
IO5_MOSI_INT4	8		7	X
IO6_MISO_INT5	10		9	X
IO7_CLK_INT6	12		11	X
GND	14		13	X
AREF	16		15	X
IO8_SDA	18		17	X
IO9_SCL	20		19	X

J3

X	15	16	VIN
X	13	14	GND
X	11	12	GND
X	9	10	5V_OUT
X	7	8	3V3
X	5	6	RESET
X	3	4	IOREF
X	1	2	X

No KE04Z*;
also based on Arduino UNO (no PWM on J2/2) and Arduino MEGA (no INT on J1/4, SPI on J2/6/8/10/12)

TYPE C

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J1

IO12_INT0_RXD	2		1	X
IO13_INT1_TXD	4		3	X
X	6		5	X
IO0_TMR0	8		7	X
IO19_INT7	10		9	IO18
IO1_TMR1	12		11	IO20
IO2_TMR2	14		13	X
X	16		15	IO21

J4

		12	-
X	11	10	IO15
X	9	8	IO14
X	7	6	X
X	5	4	IO11_AN1
X	3	2	IO10_AN0
X	1		

J2

IO16_TMR3	2		1	X
IO3_INT2_TMR4	4		3	X
IO4_CS_INT3_TMR5	6		5	X
IO5_MOSI_INT4	8		7	X
IO6_MISO_INT5	10		9	X
IO7_CLK_INT6	12		11	X
GND	14		13	X
AREF	16		15	X
IO8_SDA	18		17	X
IO9_SCL	20		19	X

J3

X	15	16	VIN
X	13	14	GND
X	11	12	GND
X	9	10	5V_OUT
X	7	8	3V3
X	5	6	RESET
X	3	4	IOREF
X	1	2	X

KL02Z, KL03Z, KL05Z*;
also based on Arduino UNO (no PWM on J2/2) and Arduino MEGA (no INT on J1/4, SPI on J2/6/8/10/12)
NOTE: Arduino do not connect to odd pins
The KE04Z has the MOSI and MISO pins swapped on J2/8/10

TYPE D

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J1

IO12_INT0_RXD	2		1	IO23
IO13_INT1_TXD	4		3	IO24
IO27	6		5	IO25
IO0_TMR0	8		7	IO26
IO19_INT7	10		9	IO18
IO1_TMR1	12		11	IO20
IO2_TMR2	14		13	X
IO16	16		15	IO21

J4

		12	IO22_AN5
X	11	10	IO15_AN4
X	9	8	IO14_AN3
X	7	6	IO17_AN2
X	5	4	IO11_AN1
X	3	2	IO10_AN0
X	1		

J2

IO16_TMR3	2		1	X
IO3_INT2_TMR4	4		3	X
IO4_CS_INT3_TMR5	6		5	X
IO5_MOSI_INT4	8		7	X
IO6_MISO_INT5	10		9	X
IO7_CLK_INT6	12		11	X
GND	14		13	X
AREF	16		15	X
IO8_SDA	18		17	X
IO9_SCL	20		19	X

J3

X	15	16	VIN
X	13	14	GND
X	11	12	GND
X	9	10	5V_OUT
X	7	8	3V3
X	5	6	RESET
X	3	4	IOREF
X	1	2	X

No KE04Z, KL02Z, KL03Z, KL05Z*;
also based on Arduino UNO (no PWM on J2/2) and Arduino MEGA (no INT on J1/4, SPI on J2/6/8/10/12)
NOTE: Arduino do not connect to odd pins