FRDM-KE06Z

I on ports ??? (IRQ on PTA5)

J1

Left pin	Signal labels			Right pin
PTB0 - 2	A0-4	UR0	UT1	1 - PTC7
PTB1 - 4	A0-5	UT0	UR1	3 - PTC6
PTD5 - 6	SK-1	X	UT2	5 - PTD7
PTD0 - 8	SK-1	P2-2	UR2	7 - PTD6
PTA1 - 10	A0-1 P0-1	X		9 - PTE4
PTD1 - 12	SMO-1	P2-3	P1-1	11 - PTC5
PTB4 - 14	SMI-0	P2-4		13 - PTE6
PTA7 - 16	A0-3	X		15 - PTE5

J2

Left pin	Signal labels			Right pin
PTA0 - 2	A0-0 P0-0	SK-0	A0-6 P0-0	1 - PTB2
PTH0 - 4	P2-0		A0-9 P2-1	3 - PTC1
PTB5 - 6	SC-0	P2-5	UT1	5 - PTF3
PTB3 - 8	SMO-0 A0-7 P0-1		UR1	7 - PTF2
PTB4 - 10	SMI-0	P2-4	A0-15	9 - PTF7/ANA0
PTB2 - 12	SK-0 A0-6 P0-0		A0-14	11 - PTF6/ANA1
GND - 14				13 - P3V3_MOTOR
AREF - 16			A0-2	15 - PTA6/ANB0
PTA2 - 18	UR0	CD0	A0-3	17 - PTA7/ANB1
PTA3 - 20	UT0	CC0	SMO-0 A0-7 P0-1	19 - PTB3/ANB2

J3

Left pin	Signal labels		Right pin
PTH6 - 11		A0-14	12 - PTF6
PTH7 - 9		A0-11 P2-3	10 - PTC3
PTC4 - 7	P1-0	A0-10 P2-2	8 - PTC2
PTG0 - 5	X	A0-9 P2-1	6 - PTC1
PTG2 - 3		A0-8 P2-0	4 - PTC0
PTG1 - 1		A0-15	2 - PTF7

J4

Left pin	Signal labels		Right pin
PTG3 - 15			16 - P5-9V_VIN
PTF0 - 13	P2-0		14 - GND
PTF1 - 11	P2-1		12 - GND
PTD2 - 9	SMI-1		10 - P5V_USB
PTE3 - 7	SC-0		8 - P3V3
PTE2 - 5	SMI-0		6 - RESET/PTA20
PTE1 - 3	SMO-0	CC1	4 - P3V3
PTE0 - 1	SK-0	CD1	2 - NC