

## 1. Board Ordering List

**Table 1-1.** Board Ordering List

Selection Criteria							Ordering Number
Segment	Application	Freq.	No/SAW	Comments	Description	Atmel® Product	Board
DRV	Driver				Dual hex DMOS output driver	T6816/U6815BM	ATAB6816
DRV	Driver				Dual triple DMOS output driver	T6817	ATAB6817
DRV	Driver				Triple half-bridge DMOS driver	T6818/ATA6828	ATAB6818
DRV	Driver				Triple half-bridge DMOS output driver with PWM function	T6819/ATA6829	ATAB6819
LF				Can be ordered only in conjunction with ATAB5276	LF main board with AVR for ATA5276	AVR	ATAB-LFMB-76
LF				Can be ordered only in conjunction with ATAB5278	LF main board with AVR for ATA5278	AVR	ATAB-LFMB-78
LF	RX	125 kHz		Preferred for passive entry	Evaluation board LF receiver 3 channels	ATA5282	ATAB5282
LF	RX	125 kHz		Preferred for TPM	Evaluation board LF receiver 1 channel	ATA5283	ATAB5283
LF	TRX	125 kHz			Read/write RFID development kit based on U2270B	U2270B, e/TK5530, TK5551, ATA5558, ATA5567, ATA5570	ATA2270-EK1
LF	TRX	125 kHz			Read/write RFID development kit based on U2270B	U2270B, e/TK5530, TK5551, ATA5567, ATA5570	ATAK2270
LF	TRX	125 kHz			Read/write RFID development kit based on U2270B	U2270B, e/TK555/6x	TMEB8704
LF	TX	125 kHz		Preferred for passive entry	Evaluation board LF antenna driver	ATA5278	ATAB5278
LF	TX	125 kHz		Preferred for TPM	Evaluation board LF antenna driver	ATA5276	ATAB5276
RF					RF main board with AVR microcontroller and interfaces	AVR	ATAB-RFMB
RF					SPI to parallel port (LPT) interface		ATAB-SPI-LPT
RF					Flamingo interface board for STK500	AVR	ATAB-STK-F
RF		315 MHz			Smart RF starter kit, fitting to STK500	T5753, T5743, AVR	ATAKSTK511-3
RF		433 MHz			Smart RF starter kit, fitting to STK500	T5754, T5743, AVR	ATAKSTK511-4
RF		868 MHz			Smart RF starter kit, fitting to STK500	T5750, T5760, AVR	ATAKSTK511-8
RF		915 MHz			Smart RF starter kit, fitting to STK500	T5750, T5761, AVR	ATAKSTK511-9
RF	RX	315 MHz			Evaluation board transparent UHF receiver	ATA5746	ATA5746-EK
RF	RX	315 MHz	No SAW		Reference design transparent UHF ASK receiver	ATA5744	ATAB5744-N3
RF	RX	315 MHz	SAW		Reference design transparent UHF ASK receiver	ATA5744	ATAB5744-S3
RF	RX	315 MHz	SAW	300 kHz IF-BW	Reference design UHF ASK/FSK receiver	ATA5743P3	ATAB5743P3-S3
RF	RX	315 MHz	SAW	600 kHz IF-BW	Reference design UHF ASK/FSK receiver	ATA5743P6	ATAB5743P6-S3
RF	RX	315 MHz	SAW	600 kHz IF-BW	Reference design UHF ASK/FSK receiver	ATA5743P6	ATAB5743 SSOP6-S3
RF	RX	433 MHz			Evaluation board transparent UHF receiver	ATA5745	ATA5745-EK
RF	RX	433 MHz	No SAW		Reference design transparent UHF ASK receiver	ATA5744	ATAB5744-N4
RF	RX	433 MHz	SAW		Reference design transparent UHF ASK receiver	ATA5744	ATAB5744-S4

**Table 1-1. Board Ordering List (Continued)**

Selection Criteria							Ordering Number
Segment	Application	Freq.	No/SAW	Comments	Description	Atmel® Product	Board
RF	RX	433 MHz	SAW	300 kHz IF-BW	Reference design UHF ASK/FSK receiver	ATA5743P3	ATAB5743P3-S4
RF	RX	433 MHz	SAW	600 kHz IF-BW	Reference design UHF ASK/FSK receiver	ATA5743P6	ATAB5743P6-S4
RF	RX	433 MHz	SAW	600 kHz IF-BW	Reference design UHF ASK/FSK receiver	ATA5743P6	ATAB5743 SSOP6-S4
RF	RX	868 MHz	No SAW		Reference design UHF ASK/FSK receiver	ATA5760	ATAB5760-N
RF	RX	868 MHz	SAW		Reference design UHF ASK/FSK receiver	ATA5760	ATAB5760-S
RF	RX	915 MHz	No SAW		Reference design UHF ASK/FSK receiver	ATA5761	ATAB5761-N
RF	TRX	315 MHz		Preferred for car access	UHF ASK/FSK transceiver base-station board	ATA5812	ATAB5812-3-B
RF	TRX	315 MHz		Preferred for car access, TPM	UHF ASK/FSK transceiver base-station board	ATA5823	ATAB5823-3-B
RF	TRX	315 MHz		Preferred for industrial	UHF ASK/FSK transceiver base-station board	ATA5423	ATAB5423-3-B
RF	TRX	433 MHz		Preferred for car access	UHF ASK/FSK transceiver base-station board	ATA5811	ATAB5811-4-B
RF	TRX	433 MHz		Preferred for car access, TPM	UHF ASK/FSK transceiver base-station board	ATA5824	ATAB5824-4-B
RF	TRX	433 MHz		Preferred for industrial	UHF ASK/FSK transceiver base-station board	ATA5428	ATAB5428-4-B
RF	TRX	868 MHz		Preferred for car access	UHF ASK/FSK transceiver base-station board	ATA5811	ATAB5811-8-B
RF	TRX	868 MHz		Preferred for car access, TPM	UHF ASK/FSK transceiver base-station board	ATA5824	ATAB5824-8-B
RF	TRX	868 MHz		Preferred for industrial	UHF ASK/FSK transceiver base-station board	ATA5828	ATAB5428-8-B
RF	TX	315 MHz			Reference design UHF ASK/FSK transmitter	T5753	ATAB5753
RF	TX	315 MHz			Reference design UHF ASK/FSK transmitter	ATA5756	ATAB5756
RF	TX	315 MHz			Reference design UHF ASK/FSK transmitter including MARC4	ATAM862-3	ATAB862-3
RF	TX	433 MHz			Reference design UHF ASK/FSK transmitter	T5754	ATAB5754
RF	TX	433 MHz			Reference design UHF ASK/FSK transmitter	ATA5757	ATAB5757
RF	TX	433 MHz			Reference design UHF ASK/FSK transmitter including MARC4	ATAM862-4	ATAB862-4
RF	TX	868 MHz			Reference design UHF ASK/FSK transmitter	T5750	ATAB5750-8
RF	TX	868 MHz			Reference design UHF ASK/FSK transmitter including MARC4	ATAM862-8	ATAB862-8
RF	TX	915 MHz			Reference design UHF ASK/FSK transmitter	T5750	ATAB5750-9



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