

Product	Description	Frequency	Status	ATV Qualified	Order No.	Available Documentation & Tooling	Rev.	Date	Chinese Version available	C
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**General**

General										
						Wireless Control - Product Family Overview (WLC_Product_Portfolio_1305.pdf)	Mar 12	May 13		
						Wireless Control - Documentation & Tooling Overview (WLC_Statuslist_1305.pdf)	May 13	May 13		
						Make Your Application Wireless-Sub 1GHz RF Solutions (Wireless_Control_for_sub_1GHz_BR.pdf)	1.0	Oct 12		
						General RF Design Verification Guidelines (RF_Design_Verification_Guideline_V1.0.pdf)	1.0	Oct 12		

**Transmitter**

General										
	ASK / FSK Transmitter					Application Note "Stabilizing the RF power of transmitters operating in ISM bands"	V1.0	Mar 11		
						Application Note "Electromagnetic Radiation"	V1.0	Dec 10		
						Information Note "RF Design Verification Guidelines"	V1.0	Oct 12		
						Information Note "Frequency Modulation techniques"	V1.0	Feb 11		
						Information Note "Converting Evaluation Boards from FSK to ASK"	V1.0	Oct 10		
						RF2IR Whitepaper: Remote Controls - Radio Frequency or Infrared	V1.0	Sep 10		
						AEL Crystal Recommendation	V1.0	Mar 12		
						Kyocera Crystal Recommendation	V1.1	Aug 11		
						NDK Crystal Recommendation	V1.2	Aug 12		
						TEW Crystal Recommendation	V1.1	Sep 12		

TDK 5100 (M2)	ASK / FSK Transmitter PG-TSSOP-16 -40°C..+125°C	434 / 868 MHz	MP	Yes	SP000014557	Datasheet	V1.1	May 12		
	Application Note "Loop Antenna Design Recommend."					V1.0	Jan 04			
						Application Note "Layout Recommendations"	V1.0	Jul 02		
						Application Note "EMI-Improvement"	V0.1	Jul 02		
						Application Note "Usage in the 868MHz ISM according ETSI EN300220"	V1.0	May 12		
						Application Note "Bandwidth reduction for ASK according ETSI EN300220"	V1.1	Jun 12		
	Evaluation Kit	434 MHz			SP000278816	TDK5100-TDA5220_434_5				
		868 MHz			SP000078505	TDK5100-TDA5210_868_5				
TDK 5100 F (P2)	ASK / FSK Transmitter PG-TSSOP-10 -40°C..+125°C	434 MHz	MP	Yes	SP000014745	Datasheet	V1.2	Apr 08		
	Application Note "Loop Antenna Design Recommend."					V1.0	Jan 04			
						Application Note "Layout Recommendations"	V1.0	Jul 02		
						Application Note "EMI-Improvement"	V0.1	Jul 02		
						Application Note "Bandwidth reduction for ASK according ETSI EN300220"	V1.1	Jun 12		
	Evaluation Kit	434 MHz			SP000078498	TDK5100F-TDA5220_434_5				
	Evaluation Board	434 MHz			SP000078510	TDK5100F_434_5 BOARD				
TDK 5101 (N2)	ASK / FSK Transmitter PG-TSSOP-16 -40°C..+125°C	315 MHz	MP	Yes	SP000014559	Datasheet	V1.0	Oct 02		
	Application Note "Loop Antenna Design Recommend."					V1.0	Jan 04			
						Application Note "Antenna for Japanese Market"	V1.0	Nov 03		
						Application Note "Layout Recommendations"	V1.0	Jul 02		
						Application Note "EMI-Improvement"	V0.1	Jul 02		
	Evaluation Kit	315 MHz			SP000444584	TDK5101-TDA5211_315_5				
		315 MHz			SP000278818	TDK5101-TDA5221_315_5				
TDK 5101 F (R2)	ASK / FSK Transmitter PG-TSSOP-10 -40°C..+125°C	315 MHz	MP	Yes	SP000014744	Datasheet	V1.3	Sep 07		
	Application Note "Loop Antenna Design Recommend."					V1.0	Jan 04			
						Application Note "Antenna for Japanese Market"	V1.0	Nov 03		
						Application Note "Layout Recommendations"	V1.0	Jul 02		
						Application Note "EMI-Improvement"	V0.1	Jul 02		
	Evaluation Kit	315 MHz			SP000078497	TDK5101F-TDA5221_315_5				
TDA 5102 (E1)	ASK / FSK Transmitter PG-TSSOP-16 -25°C..+85°C	915 MHz	MP	No	SP000013432	Datasheet	V1.1	Oct 01		
	Application Note "Loop Antenna Design Recommend."					V1.0	Jan 04			
						Application Note "Layout Recommendations"	V1.0	Jul 02		
						Application Note "EMI-Improvement"	V0.1	Jul 02		
	Evaluation Kit	915 MHz			SP000278814	TDA5102-TDA5212_915_5				
TDA 5103 A (G2)	ASK Transmitter PG-TSSOP-10 -25°C..+85°C	345 MHz	MP	No	SP000305485	Datasheet	V1.0	Mar 01		
	Application Note "Loop Antenna Design Recommend."					V1.0	Jan 04			
						Application Note "Layout Recommendations"	V1.0	Jul 02		
						Application Note "EMI-Improvement"	V0.1	Jul 02		
TDK 5110 (B3)	ASK / FSK Transmitter PG-TSSOP-16 -40°C..+125°C	434 / 868 MHz	MP	Yes	SP000013532	Datasheet	V1.1	Oct 02		
	Application Note "Layout Recommendations"					V1.0	Jul 02			
						Application Note "EMI-Improvement"	V0.1	Jul 02		
						Application Note "Usage in the 868MHz ISM according ETSI EN300220"	V1.0	May 12		
						Application Note "Bandwidth reduction for ASK according ETSI EN300220"	V1.1	Jun 12		
	Evaluation Kit	434 MHz			SP000278821	TDK5110-TDA5220_434_10				
		868 MHz			SP000278822	TDK5110-TDA5220_868_10				
TDK 5110F (D2)	ASK / FSK Transmitter PG-TSSOP-10 -40°C..+125°C	434 MHz	MP	Yes	SP000056180	Datasheet	V1.1	Jul 06		
	Application Note "Layout Recommendations"					V1.0	Jul 02			
						Application Note "EMI-Improvement"	V0.1	Jul 02		
						Application Note "Bandwidth reduction for ASK according ETSI EN300220"	V1.1	Jun 12		
	Evaluation Board	434 MHz			SP000278798	TDK5110F_434_10 BOARD				
	Evaluation Kit	434 MHz			SP000086722	TDK5110F-TDA5210_434_10				
TDK 5111 (C1)	ASK / FSK Transmitter PG-TSSOP-16 -40°C..+125°C	315 MHz	MP	Yes	SP000014017	Datasheet	V1.1	Oct 02		
	Application Note "Layout Recommendations"					V1.0	Jul 02			
						Application Note "EMI-Improvement"	V0.1	Jul 02		
	Evaluation Kit	315 MHz			SP000278820	TDK5111-TDA5221_315_10				
TDK 5111F (E2)	ASK / FSK Transmitter PG-TSSOP-10 -40°C..+125°C	315 MHz	MP	Yes	SP000056181	Datasheet	V1.1	Sep 07		
	Application Note "Layout Recommendations"					V1.0	Jul 02			
						Application Note "EMI-Improvement"	V0.1	Jul 02		
	Evaluation Kit	315 MHz			SP000086723	TDK 5111F-TDA5211_315_10				
TDK 5116F (F2)	ASK / FSK Transmitter PG-TSSOP-10	868 MHz	MP	Yes	SP000056182	Datasheet	V1.1	Sep 06		

C: Changes to last Edition of Statuslist

Product	Description	Frequency	Status	ATV Qualified	Order No.	Available Documentation & Tooling	Rev.	Date	Chinese Version available	C
	-40°C..+125°C					Application Note "Layout Recommendations"	V1.0	Jul 02		
						Application Note "EMI-Improvement"	V0.1	Jul 02		
						Application Note "Usage in the 868MHz ISM according ETSI EN300220"	V1.0	May 12		
						Application Note "Bandwidth reduction for ASK according ETSI EN300220"	V1.1	Jun 12		
	Evaluation Kit	868 MHz			SP000278819	TDK5116F-TDA5220_868_10				
TDA 7100	ASK / FSK Transmitter PG-TSSOP-10 -20°C..+70°C	434 MHz	MP	No	SP000296466	Datasheet	V1.0	May 07		
						Product Information in Chinese	V1.0	May 07		
						Application Note "Single-sided PCB Layout"	V1.0	Jul 11		
						Application Example "Gerber Files Single-sided PCB"	V1.0	Jul 11		
						Application Note "Bandwidth reduction for ASK according ETSI EN300220"	V1.1	Jun 12		
	Evaluation Kit	434 MHz			SP000307373	TDA7100-TDA7200_434_5				
	Software					TDA7100-TDA7200 Evaluation Kit Support Package	V1.0	Jul 08		
TDA 7110	ASK / FSK Transmitter PG-TSSOP-16 -40°C..+85°C	434 / 868 MHz	MP	No	SP000524278	Datasheet	V1.0	Nov 08		
						Application Note "Usage in the 868MHz ISM according ETSI EN300220"	V1.0	May 12		
						Application Note "Bandwidth reduction for ASK according ETSI EN300220"	V1.1	Jun 12		
	Evaluation Kit	434 MHz			SP001050318	TDA7110-TDA7210_434_10				
		868 MHz			SP000546902	TDA7110-TDA7210_868_10				
TDA 7110F	ASK / FSK Transmitter PG-TSSOP-10 -40°C..+85°C	434 MHz	MP	No	SP000611108	Datasheet	V1.0	Feb 09		
						Application Note "Bandwidth reduction for ASK according ETSI EN300220"	V1.1	Jun 12		
	Evaluation Kit	434 MHz			SP000745284	TDA7110F- TDA7210V_434_10				
	Application example	434 MHz			SP000875496	Keyfob example incl. RX system: TDA7110F_FOB_TDA7210V				
						Application Note "Remote Control Transmitter Keyfob Application Example"	V1.0	Jun 12		
						TDA7110F_Keyfob_Transmitter_Support_Package	V1.0	Jun 12		
		434 MHz			SP000977506	TDA7110F_TDA7210_RF_Modules				
						TDA7110F_TDA7210_RF_Modules -Support Package	V1.0	Mar 12		
TDA 7116F	ASK / FSK Transmitter PG-TSSOP-10 -40°C..+85°C	868 MHz	MP	No	SP000611114	Datasheet	V1.0	Mar 09		
						Application Note "Usage in the 868MHz ISM according ETSI EN300220"	V1.0	May 12		
						Application Note "Bandwidth reduction for ASK according ETSI EN300220"	V1.1	Jun 12		
	Evaluation Kit	868 MHz			SP000745290	TDA7116F- TDA7210V_868_10				
TDA 5100 (B2)	ASK / FSK Transmitter <b>blocked for new designs, TDA 5100 recommended</b>	434 / 868 MHz	MP*	Yes	SP000016393	Datasheet	V2.1	Jun 01		
			*blocked			Application Note "TDA5100"	V1.2	Mar 00		
						Application Note "Loop Antenna Design Recommend."	V1.0	Jan 04		
						Application Note "Layout Recommendations"	V1.0	Jul 02		
						Application Note "EMI-Improvement"	V0.1	Jul 02		
						Kyocera Crystal Recommendation for TDA5100_434MHz		Dec 02		
						Kyocera Crystal Recommendation for TDA5100_868MHz		Dec 02		
						NDK Crystal Recommendation		Jan 09		
						TEW Crystal Recommendation		Jan 09		
TDA 5101 (D2)	ASK / FSK Transmitter <b>blocked for new designs, TDA 5101 recommended</b>	315 MHz	MP*	Yes	SP000016386	Datasheet	V1.6	Oct 01		
			*blocked			Application Note "Loop Antenna Design Recommend."	V1.0	Jan 04		
						Application Note "Antenna for Japanese Market"	V1.0	Nov 03		
						Application Note "Layout Recommendations"	V1.0	Jul 02		
						Application Note "EMI-Improvement"	V0.1	Jul 02		
						Kyocera Crystal Recommendation for TDA5101		Mar 06		
						NDK Crystal Recommendation		Jan 09		
						TEW Crystal Recommendation		Jan 09		
TDA 5100 A (J3)	ASK Transmitter <b>discontinued TDA 5100 recommended</b>	434 MHz	Disc	No	SP000016380	Datasheet	V1.0	Mar 01		
						Application Note "Loop Antenna Design Recommend."	V1.0	Jan 04		
						Application Note "Layout Recommendations"	V1.0	Jul 02		
						Application Note "EMI-Improvement"	V0.1	Jul 02		
TDA 5101 A (F2)	ASK Transmitter <b>discontinued TDA 5101 recommended</b>	315 MHz	Disc	No	SP000013274	Datasheet	V0.2	May 99		
						Application Note "Loop Antenna Design Recommend."	V1.0	Jan 04		
						Application Note "Antenna for Japanese Market"	V1.0	Nov 03		
						Application Note "Layout Recommendations"	V1.0	Jul 02		
						Application Note "EMI-Improvement"	V0.1	Jul 02		

**Transmitter, multi-channel: SmartLEWIS™ TX**

TDA 5150 SmartLEWIS™ TX	ASK / FSK Multi-Channel Transmitter PG-TSSOP-10 -40°C..+85°C	315 / 434 / 868 / 915 MHz	MP	Yes	SP000300415	Datasheet	V1.0	Jul 09		
						Application Note " Programming the TDA5150"	V1.0	Jun 10		
						TDA5150_FAQs	V1.0	Jan 12		
						Information Note "RF Design Verification Guidelines"	V1.0	Oct 12		
	TDA5150 Evaluation Kit					TDA5150 Evaluation Kit User Guide	V1.0	Jan 10		
		The TDA5150 Evaluation Kit always require a TDA5150 RF Evaluation Board and a TDA5150 System Interface Board (SIB), which has to be ordered separately.								
	RF Evaluation Board	315 MHz			SP000356305	TDA5150_315_5 BOARD				
	RF Evaluation Board	434 MHz			SP000356301	TDA5150_434_5 BOARD				
	RF Evaluation Board	434 MHz			SP000356304	TDA5150_434_10 BOARD				
	RF Evaluation Board	868 MHz			SP000356303	TDA5150_868_10 BOARD				
	RF Evaluation Board	915 MHz			SP000356302	TDA5150_915_10 BOARD				
	Interface Board	universal			SP000357842	TDA5150 SIB BOARD				
	Software					TDA5150 - Evaluation Kit Software THESEUS	V3.2.14	Sep 11		
	Hardware					TDA5150 - Evaluation Board Hardware Example (e.g. Gerber Files)		Aug 10		

**Transmitter + Microcontroller: SmartLEWIS™ MCU Family**

PMA all SmartLEWIS™ MCU	ASK / FSK Transmitter with integrated µC	<b>General Development Tooling</b>								
						PMA Software and Tools Overview	V1.1	Nov 09		
						PMA 51xx_71xx_FAQs	V1.2	Nov 12		X
						Information Note "RF Design Verification Guidelines"	V1.0	Oct 12		X
	PMA Starter Kit					PMA Starter Kit User Guide	V2.1	Apr 10		

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Product	Description	Frequency	Status	ATV Qualified	Order No.	Available Documentation & Tooling	Rev.	Date	Chinese Version available	C	
	PMA RF USB Stick	315 MHz			SP000409138	PMAx110-315-5-USB-RF KIT	V2.0				
	PMA RF USB Stick	434 MHz			SP000409140	PMAx110-434-5-USB-RF KIT	V2.0				
	PMA RF USB Stick	868 MHz			SP000426622	PMAx110-868-10-USB-RF KIT	V2.0				
	Software					PMA Starter Kit Software	V2.4	Jun 10			
	<b>PMA Evaluation Kit</b>					PMA Evaluation Kit User Guide	V1.0	Dec 09	Chinese		
	The PMA Evaluation Kit always require a PMA RF Evaluation Board and a System Interface Board. As interface board the PMA USB Stick (PMA Starter Kit) or the SmartLEWIS Interface Board (SIB) can be used.										
	PMA RF Evaluation Board	315 MHz				SP000409122	PMA5110-315-5 BOARD	V2.0			
	PMA RF Evaluation Board	434 MHz				SP000409126	PMA5110-434-5 BOARD	V2.0			
	PMA RF Evaluation Board	868 MHz				SP000409132	PMA5110-868-10 BOARD	V2.0			
	Interface Board					SP000409156	SmartLEWIS SIB BOARD	V2.0			
	PMA RF Evaluation Boards with other frequency and output power configurations on request.										
	Software						PMA Evaluation Kit Software	V2.2	Jun 10		
	<b>PMAfob</b>	434 MHz					Keyfob Software Example and Demonstrator				
							PMAfob - Software Example Description	V1.2	Oct 10		
							PMAfob - RKE Demo User Guide	V2.1	Oct 10		
Software						PMAfob - RKE Demo Software	V1.1	Oct 10			
						PMAfob - Home Automation Demo User Guide	V1.1	Oct 10			
Software						PMAfob - Home Automation Demo Software	V1.1	Oct 10			
Software						PMAfob - Software Example	V1.1	Oct 10	Chinese		
Hardware						PMAfob - Hardware Example (e.g. Gerber Files)	V1.0	Jun 09			
<b>PMAfob + TDA7210V</b>	434 MHz				SP000873416	PMAFOB_TDA7210V_434_10					
System Evaluation Kit						TDA7210V Remote Control RX Board - Support Package	V1.0	Sep 10			
<b>PMA 5105 SmartLEWIS™ MCU</b>	ASK / FSK Transmitter with integrated µC	315 / 434 / 868 / 915 MHz	MP	Yes							
	PG-TSSOP-38 -40°C..+125°C					Datasheet	V2.1	Jun 10			
						Software Function Library Guide	V1.5	Jun 10			
						Application Note "Software Framework"	V1.2	Jun 10	Chinese		
						Application Note "I2C Protocol for Programming"	V1.1	Apr 10			
						Application Note "Protocol Examples for ISM band appl."	V1.0	Oct 09	Chinese		
						Application Whitepaper		May 09			
Software						Function Library	V2.03	Jul 10			
						Protocol Examples	V1.0	Oct 09			
Evaluation Kit + SW						ADC Examples	V1.0	Mar 10			
PMAfob RKE	434 MHz				on request	see PMA all - General Development Tooling					
<b>PMA 5110 SmartLEWIS™ MCU</b>	ASK / FSK Transmitter with integrated µC	315 / 434 / 868 / 915 MHz	MP	Yes							
+ LF Receiver + ADC	PG-TSSOP-38 -40°C..+125°C					Datasheet	V2.1	Jun 10			
						Software Function Library Guide	V1.5	Jun 10			
						Application Note "Software Framework"	V1.2	Jun 10			
						Application Note "I2C Protocol for Programming"	V1.1	Apr 10			
						Application Note "Protocol Examples for ISM band appl."	V1.0	Oct 09	Chinese		
						Application Note "How to use the ADC"	V1.0	Mar 10			
						Application Whitepaper		May 09			
Software						Function Library	V2.03	Jul 10			
						Protocol Examples	V1.0	Oct 09			
Evaluation Kit + SW						ADC Examples	V1.0	Mar 10			
						see PMA all - General Development Tooling					
<b>PMA 7105 SmartLEWIS™ MCU</b>	ASK / FSK Transmitter with integrated µC	315 / 434 / 868 / 915 MHz	MP	No	SP000450408						
	PG-TSSOP-38 -40°C..+85°C					Datasheet	V2.1	Jun 10			
						Software Function Library Guide	V1.5	Jun 10			
						Application Note "Software Framework"	V1.2	Jun 10			
						Application Note "I2C Protocol for Programming"	V1.1	Apr 10			
						Application Note "Protocol Examples for ISM band appl."	V1.0	Oct 09	Chinese		
						Application Note "How to use the ADC"	V1.0	Mar 10			
						Application Whitepaper		May 09			
Software						Function Library	V2.03	Jul 10			
						Protocol Examples	V1.0	Oct 09			
Evaluation Kit + SW						ADC Examples	V1.0	Mar 10			
						see PMA all - General Development Tooling					
PMAfob Home Automation	434 MHz				on request	see PMA all - General Development Tooling					
<b>PMA 7106 SmartLEWIS™ MCU</b>	ASK / FSK Transmitter with integrated µC	315 / 434 / 868 / 915 MHz	MP	No	SP000450410						
+ ADC	PG-TSSOP-38 -40°C..+85°C					Datasheet	V2.1	Jun 10			
						Software Function Library Guide	V1.5	Jun 10			
						Application Note "Software Framework"	V1.2	Jun 10			
						Application Note "I2C Protocol for Programming"	V1.1	Apr 10			
						Application Note "Protocol Examples for ISM band appl."	V1.0	Oct 09	Chinese		
						Application Note "How to use the ADC"	V1.0	Mar 10			
						Application Whitepaper		May 09			
Software						Function Library	V2.03	Jul 10			
						Protocol Examples	V1.0	Oct 09			
Evaluation Kit + SW						ADC Examples	V1.0	Mar 10			
						see PMA all - General Development Tooling					
<b>PMA 7107 SmartLEWIS™ MCU</b>	ASK / FSK Transmitter with integrated µC	315 / 434 / 868 / 915 MHz	MP	No	SP000450412						
+ LF Receiver	PG-TSSOP-38 -40°C..+85°C					Datasheet	V2.1	Jun 10			
						Software Function Library Guide	V1.5	Jun 10			
						Application Note "Software Framework"	V1.2	Jun 10			
						Application Note "I2C Protocol for Programming"	V1.1	Apr 10			
						Application Note "Protocol Examples for ISM band appl."	V1.0	Oct 09	Chinese		
						Application Note "How to use the ADC"	V1.0	Mar 10			
						Application Whitepaper		May 09			
Software						Function Library	V2.03	Jul 10			
						Protocol Examples	V1.0	Oct 09			
Evaluation Kit + SW						ADC Examples	V1.0	Mar 10			
						see PMA all - General Development Tooling					
<b>PMA 7110 SmartLEWIS™ MCU</b>	ASK / FSK Transmitter with integrated µC	315 / 434 / 868 / 915 MHz	MP	No	SP000430596						
+ LF Receiver + ADC	PG-TSSOP-38 -40°C..+85°C					Datasheet	V2.1	Jun 10			
						Software Function Library Guide	V1.5	Jun 10			
						Application Note "Software Framework"	V1.2	Jun 10			
						Application Note "I2C Protocol for Programming"	V1.1	Apr 10			

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						Application Note "Protocol Examples for ISM band appl."	V1.0	Oct 09	Chinese	
						Application Note "How to use the ADC"	V1.0	Mar 10		
						Application Whitepaper		May 09		
	Software					Function Library	V2.03	Jul 10		
						Protocol Examples	V1.0	Oct 09		
						ADC Examples	V1.0	Mar 10		
	Evaluation Kit + SW					see PMA all - General Development Tooling				

Receiver

General	ASK / FSK Receiver									
						Application Note "Electromagnetic Radiation"	V1.0	Dec 10		
						Application Note "Usage of the Automatic Gain Control Circuit (AGC)"	V2.0	Sep 14		X
						Information Note "RF Design Verification Guidelines"	V1.0	Oct 12		
						Information Note "Converting Evaluation Boards from FSK to ASK"	V1.0	Oct 10		
						RF2IR Whitepaper: Remote Controls - Radio Frequency or Infrared	V1.0	Sep 10		
						AEL Crystal Recommendation	V1.0	Mar 12		
						Kyocera Crystal Recommendation	V1.1	Aug 11		
						NDK Crystal Recommendation	V1.2	Aug 12		
						TEW Crystal Recommendation	V1.1	Sep 12		
						IF Filter Recommendation	V1.0	Jun 13		
	Development Tool					Bipolar Wizard	V1.0	Mar 12		

TDA 5200 (A3)	ASK Receiver PG-TSSOP-28 -40°C..+85°C	434 / 868 MHz	MP	Yes	SP000016381	Datasheet	V3.0	Dec 10						
						Application Note "TDA5200"	V1.3	Mar 00						
						Application Note "Increasing the sensitivity"	V1.0	Jul 04						
						Application Note "Automatic Gain Control"	V1.1	Sep 10						
	Evaluation Kit					no kit available; TDA5210 or TDA5220 recommended								
TDA 5201 (B2)	ASK Receiver PG-TSSOP-28 -40°C..+85°C	315 / 345 MHz	MP	Yes	SP000012902	Datasheet	V1.6	Dec 10						
						Application Note "Increasing the sensitivity"	V1.0	Jul 04						
						Application Note "Automatic Gain Control"	V1.1	Sep 10						
							Evaluation Kit					no kit available; TDA5210 or TDA5220 recommended		
TDA 5210 (A3)	ASK / FSK Receiver PG-TSSOP-28 -40°C..+105°C	434 / 868 MHz	MP	Yes	SP000016384	Datasheet	V3.0	May 01						
						Application Note "TDA521x"	V1.1	Feb 04						
						Application Note "Increasing the sensitivity"	V1.0	Jul 04						
						Application Note "Automatic Gain Control"	V1.1	Sep 10						
						Evaluation Kit	434 MHz		SP000078502	TDK5100-TDA5210_434_5				
							434 MHz		SP000086722	TDK5110F-TDA5210_434_10				
868 MHz		SP000078505	TDK5100-TDA5210_868_5											
TDA 5211 (B4)	ASK / FSK Receiver PG-TSSOP-28 -40°C..+105°C	315 MHz	MP	Yes	SP000016390	Datasheet	V2.0	May 01						
						Application Note "TDA521x"	V1.1	Feb 04						
						Application Note "Increasing the sensitivity"	V1.0	Jul 04						
						Application Note "Automatic Gain Control"	V1.1	Sep 10						
						Evaluation Kit	315 MHz		SP000444584	TDK5101-TDA5211_315_5				
							315 MHz		SP000086723	TDK 5111F-TDA5211_315_10				
TDA 5212 (C3)	ASK / FSK Receiver PG-TSSOP-28 -40°C..+85°C	915 MHz	MP	No	SP000013430	Datasheet	V1.3	Dez 06						
						Application Note "TDA521x"	V1.1	Feb 04						
						Application Note "Increasing the sensitivity"	V1.0	Jul 04						
						Application Note "Automatic Gain Control"	V1.1	Sep 10						
	Evaluation Kit	915 MHz			SP000278814	TDA5102-TDA5212_915_5								
TDA 5220 (A3)	ASK / FSK Receiver PG-TSSOP-28 -40°C..+105°C	434 / 868 MHz	MP	Yes	SP000014342	Datasheet	V1.1	Oct 04						
						Application Note "Increasing the sensitivity"	V1.0	Jul 04						
						Application Note "Automatic Gain Control"	V1.1	Sep 10						
						Evaluation Kit	434 MHz		SP000078498	TDK5100F-TDA5220_434_5				
							434 MHz		SP000278816	TDK5100-TDA5220_434_5				
							434 MHz		SP000278821	TDK5110-TDA5220_434_10				
							868 MHz		SP000278822	TDK5110-TDA5220_868_10				
		868 MHz			SP000278819	TDK5116F-TDA5220_868_10								
TDA 5221 (A2)	ASK / FSK Receiver PG-TSSOP-28 -40°C..+105°C	315 / 317 MHz	MP	Yes	SP000014343	Datasheet	V1.1	Oct 04						
						Application Note "Increasing the sensitivity"	V1.0	Jul 04						
						Application Note "Automatic Gain Control"	V1.1	Sep 10						
						Evaluation Kit	315 MHz		SP000078497	TDK5101F-TDA5221_315_5				
315 MHz		SP000278818	TDK5101-TDA5221_315_5											
315 MHz		SP000278820	TDK5111-TDA5221_315_10											
TDA 7200	ASK / FSK Receiver PG-TSSOP-28 -20°C..+70°C	434 MHz	MP	No	SP000296473	Datasheet	V1.0	May 07						
						Product Information in Chinese	V1.0	May 07						
						Application Note "Automatic Gain Control"	V1.1	Sep 10						
						Evaluation Kit	434 MHz		SP000307373	TDA7100-TDA7200_434_5				
	Software					TDA7100-TDA7200 Evaluation Kit Support Package	V1.0	Jul 08						
TDA 7210	ASK / FSK Receiver PG-TSSOP-28 -40°C..+85°C	434 / 868 MHz	MP	No	SP000524274	Datasheet	V1.0	Nov 08						
						Application Note "Automatic Gain Control"	V1.1	Sep 10						
						Evaluation Kit	434 MHz		SP001050318	TDA7110-TDA7210_434_10				
							868 MHz		SP000546902	TDA7110-TDA7210_868_10				
Application example	434 MHz		SP000977506	TDA7110F_TDA7210_RF_Modules										
	434 MHz			TDA7110F_TDA7210_RF_Modules - Support package	V1.0	Mar 12								
TDA 7210V	ASK / FSK Receiver PG-VQFN-32 -40°C..+85°C	434 / 868 MHz	MP	No	SP000698080	Datasheet	V1.1	Jun 10						
						Application Note "Automatic Gain Control"	V1.1	Sep 10						
						Evaluation Kit RF	434 MHz		SP000745284	TDA7110F-TDA7210V_434_10				
							868 MHz		SP000745290	TDA71116F-TDA7210V_868_10				
						System Evaluation Kit	434 MHz		SP000873416	PMAFOB_TDA7210V_434_10				
						Software and hardware				TDA7210V Remote Control RX Board - Support Package	V1.0	Sep 10		
						Application Example	434 MHz		SP000875496	Keyfob example incl. RX system: TDA7110F_FOB_TDA7210V				

C: Changes to last Edition of Statuslist

Product	Description	Frequency	Status	ATV Qualified	Order No.	Available Documentation & Tooling	Rev.	Date	Chinese Version available	C
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**Receiver, multi-channel with baseband processing: SmartLEWIS™ RX**

TDA 5230 (C3) SmartLEWIS™ RX	ASK / FSK Multi-channel Receiver PG-TSSOP-28 -40°C..+105°C	434 / 868 MHz	MP	Yes	SP000076520	Datasheet	V4.0	Jun 07							
						Application Note "Quick Start Guide"	V1.0	Jul 08							
						Application Note "Message ID Demo & Example"	V1.1	Aug 10							
						Application Note "Signal Det. Threshold in ASK-Mode"	V1.4	Mrz 06							
						Application Note "Signal Det. Threshold in FSK-Mode"	V1.3	Mar 08							
						Application Note "Protocol Examples for ISM Band Appl."	V1.0	Nov 08							
						Information Note "RF Design Verification Guidelines"	V1.0	Oct 12							
						Evaluation Board	434 MHz		SP000278811	TDA5230_434_5_BOARD					
							868 MHz		SP000278812	TDA5230_868_5_BOARD					
							434 MHz		SP000559072	TDA5230-434-USB-UWLINK					
Software					SW: Evaluation Board Interface Software	V2.2	Jun 08								
					SW: Configuration Software	V2.0.0	Jan 07								
					SW: Basic Application SW in C	V1.4	Sep 13		X						
					SW: Protocol Examples	V1.0	Nov 08								
TDA 5231 (C4)	ASK / FSK Multi-channel Receiver PG-TSSOP-28 -40°C..+105°C	315 MHz	MP	Yes	SP000202847	Datasheet	V4.0	Jun 07							
						Application Note "Quick Start Guide"	V1.0	Jul 08							
						Application Note "Message ID Demo & Example"	V1.1	Aug 10							
						Application Note "Signal Det. Threshold in ASK-Mode"	V1.4	Mrz 06							
						Application Note "Signal Det. Threshold in FSK-Mode"	V1.3	Mar 08							
						Application Note "Protocol Examples for ISM Band Appl."	V1.0	Nov 08							
						Information Note "RF Design Verification Guidelines"	V1.0	Oct 12							
						Evaluation Board	315 MHz		SP000278813	TDA5231_315_5_BOARD					
						Software					SW: Evaluation Board Interface Software	V2.2	Jun 08		
											SW: Configuration Software	V2.0.0	Jan 07		
				SW: Basic Application SW in C	V1.2		Aug 13		X						
				SW: Protocol Examples	V1.0		Nov 08								

**Receiver, multi-channel with baseband processing, enhanced sensitivity: SmartLEWIS™ RX+**

TDA 5240 SmartLEWIS™ RX+	ASK / FSK Multi-channel Receiver, digital baseband PG-TSSOP-28 -40°C..+105°C	315 / 434 / 868 / 915 MHz	MP	Yes	SP000550860	Datasheet	V4.0	Feb 10								
						Register Value Calculations		Mar 11								
						Errata Sheet	V1.5	Apr 12								
						TDA5240_Family_FAQs	V1.7	Jul 13		X						
						Application Note "Selection Guide"	V1.0	Mar 10								
						Application Note "Sensitivity Improvement by using the AFC"	V1.2	Oct 13		X						
						Application Note "Protocol Examples for ISM Band Applications"	V1.0	Jun 10								
						Application Note "Temperature Sensor and VDD Measurement"	V1.1	Nov 10								
						Application Note "Determination of Signal and Noise Detector Thresholds"	V1.2	May 12								
						Application Note "Calculation Sheet RSSI trimming"	V1.0	Mar 12		X						
						Application Note "Schematic, Layout and Configuration Recommendations"	V1.2	Nov 13		X						
						Application Note "Using TDA5240 on TDA5230 UWLink Extension Board" (zip file containing Application Note and Software)		Sep 14		X						
						Application Note "Usage of Digital RSSI (RSSIRX) as Noise Threshold in Mass Production"		Sep 14		X						
						Calculation file "Timings"		Nov 13		X						
						Information Note "RF Design Verification Guidelines"	V1.0	Oct 12								
						Application Note "TDA5240/35 Data Rate Acceptance Limitation (DRAL)"	V1.0	Apr 13								
						Evaluation Kit				TDA5240_35_25 Evaluation Software User Guide	V51	Mar 11	Chinese			
							The TDA5240 Evaluation Kit always require a TDA5240 RF Evaluation Board and a System Interface Board. As interface board the SmartLEWIS Interface Board (SIB) has to be used and ordered separately.									
						RF Evaluation Board	315 MHz		SP000535296	TDA5240_315_5_BOARD						
						RF Evaluation Board	434 MHz		SP000535300	TDA5240_434_5_BOARD						
RF Evaluation Board	868 MHz		SP000535304	TDA5240_868_5_BOARD												
RF Evaluation Board	915 MHz		SP000799568	TDA5240_915_5_BOARD												
Interface Board			SP000409156	SmartLEWIS SIB BOARD	V2.0											
Software					SW: Evaluation Software	V51	Mar 11									
					SW: Protocol Examples	V1.0	Jun 10									
					Errata Sheet TDA5240/35/25-Explorer Software	V1.0	Nov 13		X							
TDA 5235 SmartLEWIS™ RX+	ASK / FSK single channel Receiver, digital baseband PG-TSSOP-28 -40°C..+105°C	315 / 434 / 868 / 915 MHz	MP	Yes	SP000507674	Datasheet	V1.0	Feb 10								
						Register Value Calculations		Mar 11								
						Errata Sheet	V1.5	Apr 12								
						TDA5240_Family_FAQs	V1.7	Jul 13								
						Application Note "Selection Guide"	V1.0	Mar 10								
						Application Note "Sensitivity Improvement by using the AFC"	V1.2	Oct 13		X						
						Application Note "Protocol Examples for ISM Band Applications"	V1.0	Jun 10								
						Application Note "Temperature Sensor and VDD Measurement"	V1.1	Nov 10								
						Application Note "Determination of Signal and Noise Detector Thresholds"	V1.2	May 12								
						Application Note "Calculation Sheet RSSI trimming"	V1.0	Mar 12		X						
						Application Note "Schematic, Layout and Configuration Recommendations"	V1.2	Nov 13		X						
						Application Note "Using TDA5240 on TDA5230 UWLink Extension Board" (zip file containing Application Note and Software)		Sep 14		X						
						Application Note "Usage of Digital RSSI (RSSIRX) as Noise Threshold in Mass Production"		Sep 14		X						
						Calculation file "Timings"		Nov 13		X						
						Information Note "RF Design Verification Guidelines"	V1.0	Oct 12								
						Application Note "TDA5240/35 Data Rate Acceptance Limitation (DRAL)"	V1.0	Apr 13								
						Evaluation Kit				TDA5240_35_25 Evaluation Software User Guide	V51	Mar 11	Chinese			
							The TDA5235 Evaluation Kit always require a TDA5235 RF Evaluation Board and a System Interface Board. As interface board the SmartLEWIS Interface Board (SIB) has to be used and ordered separately.									
						RF Evaluation Board	315 MHz		SP000640510	TDA5235_315_5_BOARD						
						RF Evaluation Board	434 MHz		SP000640514	TDA5235_434_5_BOARD						
RF Evaluation Board	868 MHz		SP000640518	TDA5235_868_5_BOARD												
RF Evaluation Board	915 MHz		SP000799564	TDA5235_915_5_BOARD												
Interface Board			SP000409156	SmartLEWIS SIB BOARD	V2.0											
Software					SW: Evaluation Software	V51	Mar 11									
					SW: Protocol Examples	V1.0	Jun 10									
					Errata Sheet TDA5240/35/25-Explorer Software	V1.0	Nov 13		X							
TDA 5225 SmartLEWIS™ RX+	ASK / FSK Multi-channel Receiver PG-TSSOP-28 -40°C..+105°C	315 / 434 / 868 / 915 MHz	MP	Yes	SP000507672	Datasheet	V1.0	Feb 10								
						Register Value Calculations		Mar 11								
						Errata Sheet	V1.5	Apr 12								
						TDA5240_Family_FAQs	V1.4	Oct 12								
						Application Note "Selection Guide"	V1.0	Mar 10								

C: Changes to last Edition of Statuslist

Product	Description	Frequency	Status	ATV Qualified	Order No.	Available Documentation & Tooling	Rev.	Date	Chinese Version available	C
						Application Note "How to achieve best sensitivity"	V1.0	Mar 10		
						Application Note "Sensitivity Improvement by using the AFC"	V1.2	Oct 13		X
						Application Note "Temperature Sensor and VDDD Measurement"	V1.1	Nov 10		
						Application Note "Calculation Sheet RSSI trimming"	V1.0	Mar 12		X
						Application Note "Schematic, Layout and Configuration Recommendations"	V1.2	Nov 13		X
						Application Note "Usage of Digital RSSI (RSSIRX) as Noise Threshold in Mass Production"		Sep 14		X
						Calculation file "Timings"		Nov 13		X
						Information Note "RF Design Verification Guidelines"	V1.0	Oct 12		
	<b>Evaluation Kit</b>					TDA5240_35_25 Evaluation Software User Guide	V51	Mar 11	Chinese	
		The TDA5225 Evaluation Kit always require a TDA5225 RF Evaluation Board and a System Interface Board. As interface board the SmartLEWIS Interface Board (SIB) has to be used and ordered separately.								
	RF Evaluation Board	315 MHz			SP000643648	TDA5225_315_5_BOARD				
	RF Evaluation Board	434 MHz			SP000643654	TDA5225_434_5_BOARD				
	RF Evaluation Board	868 MHz			SP000643658	TDA5225_868_5_BOARD				
	RF Evaluation Board	915 MHz			SP000775162	TDA5225_915_5_BOARD				
	Interface Board				SP000409156	SmartLEWIS SIB BOARD		V2.0		
	Software					SW: Evaluation Software	V51	Mar 11		
						SW: Protocol Examples	V1.0	Jun 10		
						Errata Sheet TDA5240/35/25-Explorer Software	V1.0	Nov 13		X

## Transceiver

General	ASK / FSK Receiver					Application Note "Electromagnetic Radiation"	V1.0	Dec 10		
						Information Note "RF Design Verification Guidelines"	V1.0	Oct 12		
						AEL Crystal Recommendation	V1.0	Mar 12		
						Kyocera Crystal Recommendation	V1.1	Aug 11		
						NDK Crystal Recommendation	V1.2	Aug 12		
						TEW Crystal Recommendation	V1.1	Sep 12		
						IF Filter Recommendation	V1.0	Jun 13		
<b>TDA 5250 (D2)</b>	ASK / FSK Transceiver PG-TSSOP-38 -40°C..+85°C	<b>868 MHz</b>	<b>MP</b>	<b>Yes</b>	<b>SP000012956</b>	Datasheet	V1.7	Feb 07		
						Errata Sheet	V1.0	Sep 11		
						Application Note "Using the CLKDIV output"	V1.0	Nov 10		
	Evaluation Kit					TDA525x Evaluation Kit User Manual	V1.0	Jan 12	Chinese	
	Software	868 MHz			SP000486986	TDA5250-TDA5250_868 Kit				
						SW: TDA525x Programmer (Explorer)	V1.1.7	Sep 12		
<b>TDA 5251 (F1)</b>	ASK / FSK Transceiver PG-TSSOP-38 -40°C..+85°C	<b>315 MHz</b>	<b>MP</b>	<b>Yes</b>	<b>SP000014554</b>	Datasheet	V1.1	Feb 07		
						Errata Sheet	V1.0	Sep 11		
						Application Note "Using the CLKDIV output"	V1.0	Nov 10		
	Evaluation Kit					TDA525x Evaluation Kit User Manual	V1.0	Jan 12	Chinese	
	Software	315 MHz			SP000078507	TDA5251-TDA5251_315 Kit				
						SW: TDA525x Programmer (Explorer)	V1.1.7	Sep 12		
<b>TDA 5252 (G2)</b>	ASK / FSK Transceiver PG-TSSOP-38 -40°C..+85°C	<b>915 MHz</b>	<b>MP</b>	<b>Yes</b>	<b>SP000057332</b>	Datasheet	V1.1	Feb 07		
						Errata Sheet	V1.0	Sep 11		
						Application Note "Using the CLKDIV output"	V1.0	Nov 10		
						Telcona Crystal Specification for TDA5252		Apr 04		
	Evaluation Kit					TDA525x Evaluation Kit User Manual	V1.0	Jan 12	Chinese	
	Software	915 MHz			SP000434768	TDA5252-TDA5252_915 Kit				
						SW: TDA525x Programmer (Explorer)	V1.1.7	Sep 12		
<b>TDA 5255 (E1)</b>	ASK / FSK Transceiver PG-TSSOP-38 -40°C..+85°C	<b>434 MHz</b>	<b>MP</b>	<b>Yes</b>	<b>SP000014555</b>	Datasheet	V1.2	Feb 07		
						Errata Sheet	V1.0	Sep 11		
						Application Note "Using the CLKDIV output"	V1.0	Nov 10		
	Evaluation Kit					TDA525x Evaluation Kit User Manual	V1.0	Jan 12	Chinese	
	Software	434 MHz			SP000015023	TDA5255-TDA5255_434 Kit				
						SW: TDA525x Programmer (Explorer)	V1.1.7	Sep 12		
<b>TDA 7255V</b>	ASK / FSK Transceiver PG-VQFN-40 -40°C..+85°C	<b>434 MHz</b>	<b>MP</b>	<b>No</b>	<b>SP000698114</b>	Datasheet	V1.1	Nov 10		
						Errata Sheet	V1.0	Sep 11		
						TDA7255V_FAQs	V1.0	Jan 12		
						Application Note "Using the CLKDIV output"	V1.0	Nov 10		
	Evaluation Kit					TDA7255V Evaluation Kit User Manual	V1.0	Dec 10		
	Software	434 MHz			SP000745294	TDA7255V_TDA7255V_434_10				
						SW: TDA7255V Programmer	V1.1.05	Nov 10		

## Transceiver, multi-channel with baseband processing: SmartLEWIS™ TRX

TDA 5340 SmartLEWIS™ TRX	ASK / FSK Multi-channel Transceiver, digital baseband	315 / 434 / 470 / 868 / 915 / 960 MHz	Dev	Yes	SP000803722					
						Datasheet	V1.2	Jun 12		
						User Manual	V1.0	Feb 12		
						Application Note "Migration from TDA5240/35 to TDA5340"	V1.1	Jun 12		
						Application Note "Protocol Examples for ISM band applications"	V1.0	Jan 12		
						Application Note "Software Example"	V1.0	May 12		
						Application Note "Wireless M-Bus"	V1.0	Apr 12		
						Information Note "RF Design Verification Guidelines"	V1.0	Oct 12		
	<b>Evaluation Kit</b>					TDA5340 Evaluation Software and Board User Guide	V1.0	Mar 12		
		The TDA5340 Evaluation Kit has to be ordered according the required frequency band.								
	RF Evaluation Board	315 MHz			SP000926798	TDA5340_315_BOARD				
	RF Evaluation Board	434 MHz			SP000926802	TDA5340_434_BOARD				
	RF Evaluation Board	868 MHz			SP000926808	TDA5340_868_BOARD				
	RF Evaluation Board	915 MHz			SP000926812	TDA5340_915_BOARD				
	Software					SW: Evaluation Software "TDA5340 Explorer"	6.0.0.0	Mar 12		
						SW: Protocol Examples for ISM band applications	V1.0	Jan 12		
						SW: TDA5340 Software Example	V1.0	May 12		
						SW: TDA5340 Wireless M-Bus configuration	V1.0	Apr 12		

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