

PiloT® Variant Comparison Chart				
	HL7692	HL8548-G	HL8548	HL8518
Region	Europe	Global	Global	Europe
4G Frequency Bands	B3, B8, B20	-	-	-
3G Frequency Bands	-	B1, B2, B5, B6, B8, B19	B1, B2, B5, B6, B8, B19	B1, B8
2G Frequency Bands	900, 1800	850, 900, 1800, 1900	850, 900, 1800, 1900	900, 1800
Regulatory Approvals	CE, GCF	Anatel, CE, FCC, GCF, IC, NCC, PTCRB	Anatel, CE, FCC, GCF, IC, NCC, PTCRB	CE, GCF
Current Consumption Power Supply Alarm LTE Standby and Idle HSxPA max LTE max	3.7 V nominal, max 4.5 V 110µA 1.4mA - 610mA	2.8V 40µA 1.2mA 475mA -	2.8V 40µA 1.2mA 475mA -	2.8V 40µA 1mA 460mA -
Audio	<ul style="list-style-type: none"> > Digital interface (only) > Supports EFR, FR, HR, and AMR-NB and AMR-WB vocoders > MO and MT calling > Echo cancellation and noise reduction > Emergency calls > Incoming call notification 	<ul style="list-style-type: none"> > Digital Audio > Codec: HR, FR, EFR, AMR > Echo Cancellation & Noise Reduction > DTMF 	<ul style="list-style-type: none"> > Digital Audio > Codec: HR, FR, EFR, AMR > Echo Cancellation & Noise Reduction > DTMF 	<ul style="list-style-type: none"> > Digital Audio > Codec: HR, FR, EFR, AMR > Echo Cancellation & Noise Reduction > DTMF

Interfaces				
UART	1x - 8-wire	8	8	8
USB	1	1	1	1
ADC	2	2	2	2
GPIO	8	8	8	8
Flash LED Output	-	1	1	1
PWM (Buzzer)	-	1	1	1
Tx Power Indicator	1	1	1	1
SIM Interface 1.8V/3V	1	1	1	1
Location Services	-	GPS and Glonass Sirf V	-	-
Software and Drivers	Secure Boot Pre-Certified Firmware Linux Driver: Standard ECM Android RIL	Secure Boot Pre-Certified Firmware Linux Driver: Standard ECM Android RIL	Secure Boot Pre-Certified Firmware Linux Driver: Standard ECM Android RIL	Secure Boot Pre-Certified Firmware Linux Driver: Standard ECM Android RIL
Cloud Services	> Free Unlimited FOTA upgrades > Connectivity Management option > Device Management option > Application Enablement option	> Free Unlimited FOTA Upgrades > SIM Management Option > Device Management Option > Data Storage/ Application Enablement Platform Option	> Free Unlimited FOTA Upgrades > SIM Management Option > Device Management Option > Data Storage/ Application Enablement Platform Option	Free Unlimited FOTA Upgrades SIM Management Option Device Management Option Data Storage/ Application Enablement Platform Option

Basic Summary

HL8548-G:

A 3G / HSPA+ (with 2G fallback) variant for the global market. Ideal for IoT projects and applications requiring location services.

HL8548:

A 3G / HSPA+ (with 2G fallback) variant for the global market. Ideal for IoT projects and applications that **DO NOT** require location services.

HL8518:

A 3G / HSPA+ (with 2G fallback) variant for the European market. Ideal for IoT projects and applications that **DO NOT** require location services.

HL7692:

A 4G / LTE (with 2G fallback) variant for the European market. Ideal for 4G, low power IoT projects that **DO NOT** require location services.