

Table 1: STEVAL-LLL004V1 bill of materials

Item	Q.ty	Ref.	Part / Value	Description	Manufacturer	Order code
1	3	U1, U8, U10		Rail-To-Rail 1.8 V High-Speed Dual Comparator	ST	TS3022IDT
2	1	U2	1A	1 A Low-Side Gate Driver	ST	PM8841D
3	1	U3	4A	4 A Dual Low-Side MOSFET Driver	ST	PM8834TR
4	1	U4		ARM®-based 32-bit MCU	ST	STM32F071CBT6
5	1	U5	3.3V	500 mA very Low Drop Voltage Regulator	ST	LDFM33PUR
6	1	U6	240mA	Energy Saving Off-Line High Voltage Converter	ST	VIPer012LS(TR)
7	1	U7		Dual Transil™ Array For ESD Protection	ST	ESDA5V3L
8	1	U9		High Voltage High And Low-Side Driver	ST	L6395D
9	3	Q1, Q2, Q3	600V	N-channel Power MOSFET In A DPAK Package	ST	STD11N60M2-EP
10	3	D14, D22, D23		Turbo 2 Ultrafast High Voltage Rectifier	ST	STTH1L06A
11	1	D10		Low Capacitance Small Signal Schottky Diodes	ST	BAT41ZFILM
12	1	D11	150V	Power Schottky Rectifier	ST	STPS1150A
13	1	D12	60V	Power Schottky Rectifier	ST	STPS1L60A
14	5	DN1, DN2, DN3, DN4, DN5		Low Capacitance, Low Series Inductance And Resistance Schottky Diodes	ST	BAS70-04FILM
15	3	D1, D4, D8		Turbo 2 Ultrafast High Voltage Rectifier	ST	STTH3L06U
16	1	D2		High Efficiency Ultrafast Diode	ST	STTH2L06A
17	2	C1, C18	470nF, 450VDC, ±10%	Film Capacitors	PANASONIC ELECTRONIC COMPONENTS	ECW-FD2W474Q1
18	2	C2, C4	100nF, 305 VAC, ±20%	Film Capacitors 10mm L/S Class X2	EPCOS / TDK	B32921C3104M
19	1	C3	68µF, 500V, ±20%	Aluminum Electrolytic Capacitors	NICHICON	UCY2H680MHD
20	2	C5, C81	330nF, 305VAC, ±20%	Film Capacitors	EPCOS (TDK)	B32922C3334M000

Item	Q.ty	Ref.	Part / Value	Description	Manufacturer	Order code
21	6	C8, C16, C27, C33, C53, C72	10 μ F, 50V, \pm 20%	Multilayer Ceramic Capacitors	ANY	ANY
22	1	C6	10 μ F, 35V, \pm 20%	Ceramic Capacitors	ANY	ANY
23	5	C35, C40, C62, C69, C73	10 μ F, 35V, \pm 20%	Aluminum Electrolytic Capacitors	PANASONIC	EEE-FK1V100UR
24	34	C7, C10, C12, C17, C20, C22, C23, C25, C26, C31, C32, C36, C41, C42, C43, C46, C47, C48, C50, C51, C52, C54, C55, C56, C57, C59, C63, C64, C68, C70, C71, C76, C78, C79	100nF, 50V, \pm 10%	Ceramic Capacitors	ANY	ANY
25	2	C37, C58	100nF, 630V, \pm 10%	Multilayer Ceramic Capacitors MLCC - Leaded	MURATA ELECTRONICS	RDER72J104K4K1H03B
26	1	C9	6.8nF, 25V, \pm 10%	Ceramic Capacitors	ANY	ANY
27	3	C11, C74, C75	10pF, 25V, \pm 10%	Ceramic Capacitors	ANY	ANY
28	1	C13	470nF, 50V, \pm 10%	Ceramic Capacitors	ANY	ANY
29	2	C14, C39	2.2 μ F, 25V, \pm 10%	Ceramic Capacitors	ANY	ANY
30	2	C15 ,C21	4.7nF, 16V, \pm 10%	Ceramic Capacitors	ANY	ANY
31	3	C19, C44, C67	1nF, 25V, \pm 10%	Ceramic Capacitors	ANY	ANY
32	2	C65, C66	1nF, 2KV, \pm 5%	Ceramic Capacitors	AVX Corporation	1210GC102KAT1A
33	5	C24, C34, C45, C49, C77	1 μ F, 16V, \pm 10%	Ceramic Capacitors	ANY	ANY
34	1	C28	15 μ F, 500V, \pm 20%	Aluminum Electrolytic Capacitors	NICHICON	UCY2H150MHD
35	1	C29	1nF, 630V, \pm 5%	Ceramic Capacitors	TDK CORPORATION	C3216C0G2J102J085AA
36	1	C30	220 μ F, 63V, \pm 20%	Aluminum Electrolytic Capacitors	Nichicon	UPW1J221MPD
37	1	C38	22pF, 16V, \pm 10%	Ceramic Capacitors	ANY	ANY
38	4	C60, C61, C82, C83	100pF, 16V, \pm 10%	Ceramic Capacitors	ANY	ANY
39	1	C80	220pF, 2KV, \pm 5%	Film Capacitors	MURATA ELECTRONICS	DEA1X3D221JA2B
40	1	D3	4A/600V	Bridge Rectifiers	MICRO COMMERCIAL COMPONENTS (MCC)	GBU4J-BP

Item	Q.ty	Ref.	Part / Value	Description	Manufacturer	Order code
41	2	D5, D6	18V, 500mW, ±5%	Diodes - Zener - Single	ON SEMICONDUCTOR	MMSZ5248BT1G
42	4	D7, D9, D17, D18	1N4148, 75V	Switching Diode	Nexperia USA Inc.	PMLL4148L,115
43	1	D13	1.8V/20mA	LED Red Diffused	OSRAM OPTO SEMICONDUCTORS INC.	LH R974-LP-1
44	1	D15	2.2V/20mA	LED Green Diffused	OSRAM OPTO SEMICONDUCTORS INC.	LG R971-KN-1
45	1	D16	12V, 1/2 W, ±5%	Zener Diodes	VISHAY SEMICONDUCTORS	MMSZ4699-E3-18
46	1	D21	3.6V, 500 mW, ±5%	Zener Diode	ON SEMICONDUCTOR	MMSZ4685T1G
47	1	D24	Do not mount			
48	1	F1	2A, 2A/300V	Fuses with Leads	LITTLEFUSE	36912000000
49	2	J1, J3	10A/300V	Connector - LED Output: Fixed Terminal Blocks 2P 5.08mm	PHOENIX CONTACT	651-1888687
50	1	J2	20A/300V	Connector - AC Input: Conn Term Block 3Pos 5.08mm	PHOENIX CONTACT	1888690
51	1	J4		Header 5X2: Box Header,0.050 10 POS	CNC Tech	3220-10-0100-00
52	1	J5		Header 2x1: 2.54 mm Pitch Berg Stick Male	ANY	ANY
53	1	J6	PWM Input	Terminal Blocks 2Pos 2.54mm	ANY	ANY
54	1	J7	0-10V Input	Terminal Blocks 2Pos 2.54mm	ANY	ANY
55	1	J8	Do not mount	Header 5x1: 2.54 mm Pitch Berg Stick Male		
56	1	J9	Do not mount	Header 4x1: 2.54 mm Pitch Berg Stick Female		
57	2	L1, L3	560µH	Inductor	WURTH ELECTRONICS	750343567r03
58	1	L2	33mH, 1A	Common Mode Choke	KEMET	SS26V-R100330
59	1	L4	10µH - BEAD, 150mA, ±10%	Fixed Inductor	TAIYO YUDEN	LBR2012T100K
60	6	MH1, MH2, MH3, MH4, MH5, MH6		Mounting Holes Diameter=3.5mm: Screws and Nuts	ANY	ANY
61	1	RT1	2.5E, 230 V AC	Inrush Current Limiters	EPCOS / TDK	B57364S259M54
62	1	RT2	Do not mount	Header 2x1: 2.54 mm Pitch Berg Stick Male		

Item	Q.ty	Ref.	Part / Value	Description	Manufacturer	Order code
63	5	R25, R26, R90, R99, R100	Do not mount	Thick Film Resistors		
64	12	R2, R14, R17, R21, R29, R62, R67, R71, R74, R83, R86, R88	10K, 1/8W, $\pm 1\%$	Thick Film Resistors	ANY	ANY
65	2	R40, R51	10K, 1/4 W, $\pm 1\%$	Thick Film Resistors	ANY	ANY
66	1	RT3	30V/0.12A	Fuse	BOURNS INC.	MF-NSMF012-2
67	1	RV1	DISC 10mm, 320V AC	Varistor	ANY	ANY
68	6	R1, R6, R9, R36, R38, R39	200K, 1/4 W, $\pm 1\%$	Thick Film Resistors	ANY	ANY
69	2	R78, R79	200K, 1/8W, $\pm 1\%$	Thick Film Resistors	ANY	ANY
70	1	R5	1M, 1/8W, $\pm 1\%$	Thick Film Resistors	ANY	ANY
71	6	R3, R4, R7, R8, R11, R13	1M, 1/4 W, $\pm 1\%$	Thick Film Resistors	ANY	ANY
72	3	R10, R30, R37	47E, 1/8W, $\pm 1\%$	Thick Film Resistors	ANY	ANY
73	1	R12	22K, 1/8W, $\pm 5\%$	Thick Film Resistors	ANY	ANY
74	1	R15	5.6K, 1/8W, $\pm 1\%$	Thick Film Resistors	ANY	ANY
75	1	R16	12K, 1/8W, $\pm 1\%$	Thick Film Resistors	ANY	ANY
76	18	R18, R19, R31, R47, R48, R49, R54, R60, R61, R63, R64, R66, R68, R80, R81, R82, R84, R98	1K, 1/8W, $\pm 1\%$	Thick Film Resistors	ANY	ANY
77	7	R20, R57, R77, R101, R102, R103, R104	4.7K, 1/8W, $\pm 1\%$	Thick Film Resistors	ANY	ANY
78	5	R22, R27, R28, R34, R45	10E, 1/8W, $\pm 1\%$	Thick Film Resistors	ANY	ANY
79	1	R53	10E, 1/2W, $\pm 1\%$	Thick Film Resistors	STACKPOLE ELECTRONICS INC.	RNCP1206FTD10R0
80	2	R23, R41	0.68E, 1W, $\pm 1\%$	Thick Film Resistors	PANASONIC ELECTRONIC COMPONENTS	ERJ-1TRQFR68U
81	2	R32, R33	0.47E, 1W, $\pm 1\%$	Thick Film Resistors	PANASONIC ELECTRONIC COMPONENTS	ERJ-1TRQFR47U
82	1	R35	4.2K, 1/8W, $\pm 1\%$	Thick Film Resistors	ANY	ANY
83	1	R43	1.5K, 1/8W, $\pm 1\%$	Thick Film Resistors	ANY	ANY
84	9	R44, R46, R56, R69, R70, R92, R93, R95, R96	100E, 1/8W, $\pm 1\%$	Thick Film Resistors	ANY	ANY
85	1	R50	220K, 1/4W, $\pm 1\%$	Thick Film Resistors	PANASONIC INDUSTRIAL DEVICES	ERJ-8ENF2203V
86	2	R52, R76	560E, 1/8W, $\pm 1\%$	Thick Film Resistors	ANY	ANY
87	1	R55	470E, 1/8W, $\pm 5\%$	Thick Film Resistors	ANY	ANY

Item	Q.ty	Ref.	Part / Value	Description	Manufacturer	Order code
88	1	R58	47K, 1/8W, $\pm 1\%$	Thick Film Resistors	ANY	ANY
89	1	R59	91K, 1/8W, $\pm 1\%$	Thick Film Resistors	ANY	ANY
90	1	R65	510E, 1/8W, $\pm 5\%$	Thick Film Resistors	ANY	ANY
91	1	R72	11K, 1/8W, $\pm 1\%$	Thick Film Resistors	ANY	ANY
92	1	R73	24K, 1/8W, $\pm 1\%$	Thick Film Resistors	ANY	ANY
93	1	R75	18K, 1/8W, $\pm 1\%$	Thick Film Resistors	ANY	ANY
94	1	R85	680E, 1/8W, $\pm 5\%$	Thick Film Resistors	ANY	ANY
95	1	R87	9.1K, 1/8W, $\pm 1\%$	Thick Film Resistors	ANY	ANY
96	1	R89	6.8K, 1/8W, $\pm 1\%$	Thick Film Resistors	ANY	ANY
97	1	R91	22E, 1/8W, $\pm 1\%$	Thick Film Resistors	ANY	ANY
98	3	SW1, SW2, SW3	0.05A/24VDC	SW PUSHBUTTON: Switch Tactile SPST	TE Connectivity ALCOSWITCH SWITCHES	FSM4JSMATR
99	1	SW4	0.05A/12VDC	SPST: Tactile Switches	WURTH ELECTRONICS	732-7047-1-ND
100	3	SW5, SW6, SW7	12 VDC	SW KEY-SPDT: Slide Switches	EAO	09.03290.01
101	1	T1	760 μ H	PFC Transformer	WURTH ELECTRONICS	750343861r02
102	1	T2	0-10V	Isolation Transformer	WURTH ELECTRONICS	750510642r00
103	1	T3	2.5mH	Flyback Transformer	AQ Magnetica Italy	1155.0005

**STMicroelectronics****EVALUATION BOARD LICENSE AGREEMENT**

By using this evaluation board or kit (together with all related software, firmware, components, and documentation provided by ST, "Evaluation Board"), You ("You") are agreeing to be bound by the terms and conditions of this Evaluation Board License Agreement ("Agreement"). Do not use the Evaluation Board until You have read and agreed to this Agreement. Your use of the Evaluation Board constitutes Your acceptance of this Agreement.

LICENSE

STMicroelectronics ("ST") grants You the right to use the enclosed Evaluation Board offering limited features only to evaluate and test ST products solely for Your evaluation and testing purposes in a research and development setting. The Evaluation Board shall not be, in any case, directly or indirectly assembled as a part in any production of Yours as it is solely developed to serve evaluation purposes and has no direct function and is not a finished product. If software and/or firmware is accompanied by a separate end user license agreement ("EULA"), then such software and/or firmware shall be governed by such EULA.

EVALUATION BOARD STATUS

The Evaluation Board offers limited features allowing You only to evaluate and test the ST products. The Evaluation Board is not intended for consumer or household use. You are not authorized to use the Evaluation Board in any production system, and it may not be offered for sale or lease, or sold, leased or otherwise distributed for commercial purposes. If the Evaluation Board is incorporated in an evaluation system, the evaluation system may be used by You solely for Your evaluation and testing purposes. Such evaluation system may not be offered for sale or lease or sold, leased or otherwise distributed for commercial purposes and must be accompanied by a conspicuous notice as follows: "This device is not, and may not be, offered for sale or lease, or sold or leased or otherwise distributed for commercial purposes".

OWNERSHIP AND COPYRIGHT

Title to the Evaluation Board remains with ST and/or its licensors. You may not remove any copyright or other proprietary rights notices without prior written authorization from ST. You may make one copy of the software and/or firmware of the Evaluation Board for back up or archival purposes provided that You reproduce and apply to such copy any copyright or other proprietary rights notices included on or embedded in the software and/or firmware. You agree to prevent any unauthorized copying in whole or in part of the Evaluation Board.

RESTRICTIONS AND WARNINGS

Before You handle or use the Evaluation Board, You must carefully review any related documentation provided by ST. Such documentation may contain important warnings. You shall comply with all such warnings and other instructions and employ reasonable safety precautions in using the Evaluation Board. Failure to do so may result in death, personal injury, or property damage. If You have any questions regarding the safe usage of the Evaluation Board, You should contact ST for guidance. You may not sell, assign, sublicense, lease, rent or otherwise distribute the Evaluation Board for commercial purposes, in whole or in part, or use Evaluation Board in a production system, with the exception that if You are an authorized ST distributor, You may resell the Evaluation Board in compliance with the applicable terms and conditions. Except as provided in this Agreement or as explicitly permitted in the documentation of the Evaluation Board, You may not reproduce the Evaluation Board or modify, reverse engineer, de-compile or disassemble its software and/or firmware, in whole or in part. You shall not use the Evaluation Board in any safety critical or functional safety testing, including but not limited to testing of life supporting, military or nuclear applications. ST expressly disclaims any responsibility for such usage which shall be made at Your sole risk, even if ST has been informed in writing of such usage. Unless expressly designated in writing by ST as suitable for use in testing automotive or aerospace applications, You shall not use the Evaluation Board in such testing.

Notice applicable to Evaluation Boards according to European Regulation

For the European Regulation of the Evaluation Board, the applicable EU directives are considered, with a particular attention to the Low Voltage Directive (LVD) 2014/35/EU, the Electromagnetic Compatibility (EMC) Directive 2014/30/EU, and the Radio Equipment Directive (RED) 2014/53/EU. If the Evaluation Board is outside the scope of the foregoing Directives, then the General Product Safety Directive (GPSD) 2001/95/EC and Council Directive 93/68/EEC, amending Directive 73/23/EEC on electrical equipment designed for use within certain voltage limits, are applicable.

The Evaluation Board meets the requirements of the Restriction of Hazardous Substances (RoHS 2 or RoHS recast) Directive 2011/65/EU, Annex II, as amended by Directive 2015/863/EU.

Notice applicable to Evaluation Boards not FCC-Approved

This kit is designed to allow:

- (1) Product developers to evaluate electronic components, circuitry, or software associated with the kit to determine whether to incorporate such items in a finished product and
- (2) Software developers to write software applications for use with the end product.

This kit is not a finished product and when assembled may not be resold or otherwise marketed unless all required FCC equipment authorizations are first obtained. Operation is subject to the condition that this product not cause harmful interference to licensed radio stations and that this product accept harmful interference. Unless the assembled kit is designed to operate under part 15, part 18 or part 95 of 47 CFR, Chapter I ("FCC Rules"), the operator of the kit must operate under the authority of an FCC license holder or must secure an experimental authorization under part 5 of this chapter.

**For Evaluation Boards annotated as FEDERAL COMMUNICATIONS COMMISSION (FCC) Part 15 Compliant**

- **FCC Interference Statement for Class A Evaluation Boards:** This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.
- **FCC Interference Statement for Class B Evaluation Boards:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
 - Reorient or relocate the receiving antenna.
 - Increase the separation between the equipment and receiver.
 - Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
 - Consult the dealer or an experienced radio/TV technician for help.
- This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

WARRANTY

ST WARRANTS THAT IT HAS THE RIGHT TO PROVIDE THE EVALUATION BOARD TO YOU. THIS WARRANTY IS PROVIDED BY ST IN LIEU OF ALL OTHER WARRANTIES, WRITTEN OR ORAL, STATUTORY, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY, NON-INFRINGEMENT, FITNESS FOR ANY PARTICULAR PURPOSE, OR UNINTERRUPTED OR ERROR-FREE OPERATION, ALL OF WHICH ARE EXPRESSLY DISCLAIMED. THE EVALUATION BOARD IS PROVIDED "AS IS".

YOU WARRANT TO ST THAT YOU WILL ENSURE THE EVALUATION BOARD IS USED ONLY BY ELECTRONICS EXPERTS WHO UNDERSTAND THE DANGERS OF HANDLING AND USING SUCH ITEMS, YOU ASSUME ALL RESPONSIBILITY AND LIABILITY FOR ANY IMPROPER OR UNSAFE HANDLING OR USE OF THE EVALUATION BOARD BY YOU, YOUR EMPLOYEES, AFFILIATES, CONTRACTORS, AND DESIGNEES.

LIMITATION OF LIABILITIES

IN NO EVENT SHALL ST BE LIABLE TO YOU, WHETHER IN CONTRACT, TORT (INCLUDING NEGLIGENCE), STRICT LIABILITY, OR ANY OTHER LEGAL THEORY, FOR ANY INDIRECT, SPECIAL, CONSEQUENTIAL, INCIDENTAL, PUNITIVE, OR EXEMPLARY DAMAGES WITH RESPECT TO ANY MATTERS RELATING TO THIS AGREEMENT, REGARDLESS OF WHETHER ST HAS BEEN ADVISED OF THE POSSIBILITY OF THE SAME. IN NO EVENT SHALL ST'S LIABILITY ARISING OUT OF THIS AGREEMENT IN THE AGGREGATE EXCEED THE AMOUNT PAID BY YOU UNDER THIS AGREEMENT FOR THE PURCHASE OF THE EVALUATION BOARD, OR TEN UNITED STATES DOLLARS (\$10.00) IF NO PURCHASE PRICE WAS PAID.

INDEMNIFICATION

You shall, at Your expense, defend ST and its Affiliates against a claim or action brought by a third party for infringement or misappropriation of any patent, copyright, trade secret or other intellectual property right of a third party to the extent resulting from (1) Your combination of the Evaluation Board with any other component, system, software, or firmware, (2) Your modification of the Evaluation Board, or (3) Your use of the Evaluation Board in a manner not permitted under this Agreement. You shall indemnify ST and its Affiliates against and pay any resulting costs and damages finally awarded against ST or its Affiliates or agreed to in any settlement, provided that You have sole control of the defense and settlement of the claim or action, and ST cooperates in the defense and furnishes all related evidence under its control at Your expense. ST will be entitled to participate in the defense of such claim or action and to employ counsel at its own expense.

"Affiliates" means any corporation or other entity directly or indirectly controlled by, controlling or under common control with the entity in question, for so long as such ownership exists. "Control" means the direct or indirect beneficial ownership of more than fifty (50%) percent of the stock or other equity interests entitled to vote for the election of directors or an equivalent governing body. Any such corporation or other legal entity shall be deemed to be an Affiliate of such Party only as long as such Control exists.

TERMINATION

ST may terminate this Agreement without notice if You breach this Agreement. Upon termination, You shall immediately destroy or return all copies of the software, firmware, and documentation of the Evaluation Board to ST and certify in writing to ST that You have done so.

APPLICABLE LAW AND JURISDICTION

This Agreement shall be governed, construed and enforced in accordance with the laws of Switzerland, without regard to its conflict of laws rules. The UN Convention on Contracts for the International Sale of Goods shall not apply to this Agreement. In case of dispute and in the absence of an amicable settlement, the only competent jurisdiction shall be the Courts of Geneva, Switzerland. Any breach of this Agreement by You may result in irreparable damage to ST for which ST will not have an

adequate remedy at law. Accordingly, in addition to any other remedies and damages available, You acknowledge and agree that ST may immediately seek enforcement of this Agreement in any jurisdiction by means of specific performance or injunction, without any requirement to post a bond or other security.

SEVERABILITY

If any provision of this agreement is or becomes, at any time or for any reason, unenforceable or invalid, no other provision of this agreement shall be affected thereby, and the remaining provisions of this agreement shall continue with the same force and effect as if such unenforceable or invalid provisions had not been inserted in this Agreement. In addition, any unenforceable or invalid provision shall be deemed replaced by a provision that is valid and enforceable and that comes closest to expressing the intention of the unenforceable or invalid provision.

WAIVER

The waiver by either party of any breach of any provision of this Agreement shall not operate or be construed as a waiver of any other or a subsequent breach of the same or a different provision.

RELATIONSHIP OF THE PARTIES

Nothing in this Agreement shall create, or be deemed to create, any joint venture, partnership, principal-agent, employer-employee or other relationship between the Parties, except that of independent contractors. Neither Party has the authority or power to bind, to contract in the name of, or to create a liability for the other in any way or for any purpose.

SURVIVAL

Any provision of this Agreement which imposes an obligation after termination of this Agreement shall survive the termination of this Agreement.

SECTION HEADINGS

Section headings are inserted for convenience only and shall not be used to interpret this Agreement.

WASTE AND RECYCLING

The Evaluation Board is not to be disposed of as urban waste. At the end of its life cycle, differentiated waste collection must be followed. Consult the local authorities for more information on the proper disposal channels. It is mandatory to separately collect the Evaluation Board and make sure it is delivered to the appropriate waste management and recycling centers.

As of 15 August 2018, in all the countries belonging to the European Union, the Evaluation Board is subject to the WEEE Directive 2012/19/EU requirement; therefore, it is forbidden to dispose of the Evaluation Board as undifferentiated waste or with other domestic wastes. Consult the local authorities for more information on the proper recycling centers.

Disposing of the Evaluation Board incorrectly may cause damage to the environment and may be subject to fines based on specific countries' rules.