

BM1P061FJ-EVK-001 Parts list



Item	Spec	Parts name	Maker
C1	0.22 μ F/310VAC	890334025027CS	WURTH ELEKTRONIK
C2	0.22 μ F/310VAC	890334025027CS	WURTH ELEKTRONIK
C3	100 μ F/450V	450BXW100MEFR19 \times 30	Rubycon
C4	2200pF/500V	CGJ5H4C0G2H222J115AA	TDK
C6	10 μ F/50V	UPM1H100MDD1TD	Nichicon
C7	1000pF/16V	0805B102K500NT	FH
C8	47pF/100V	GCM1882C2A470JA01D	Murata
C10	0.1 μ F/100V	HMK107B7104MA-T	TaiyoYuden
C11	470 μ F/35V	UHD1V471MFD	Nichicon
C12	470 μ F/35V	UHD1V471MFD	Nichicon
C20	2200pF/250VAC	GS11-E2GA222MYNS	TDK
C21	2200pF/250VAC	GS11-E2GA222MYNS	TDK
DA1	800V/10A	D10XB80-7000	Shindengen
D1	800V/0.1A	RFU02VSM8S	Rohm
D2	800V/0.1A	RFU02VSM8S	Rohm
D3	800V/0.5A	CRF02	TOSHIBA
D4	40V/1A	RB160VAM-40	Rohm
D5	200V/0.5A	RF05VAM2S	Rohm
D6	300V/20A	RF2001T3DNZ	Rohm
F1	3.15A/300V	36913150000	Littelfuse
IC1		BM1P061FJ	Rohm
LP01	25mH/1A	SS26V-100250	TOKIN
Q1	800V/5A	R8005ANX	Rohm
R1	10k Ω	MCR18EZPJ103	Rohm
R2	10k Ω	MCR18EZPJ103	Rohm
R3	3.9M Ω	KTR18EZPJ395	Rohm
R4	0 Ω	MCR18EZPJ000	Rohm
R5	39k Ω	MCR10EZPJ393	Rohm
R6	47k Ω /2W	ERG2SJ473E	Panasonic
R7	10 Ω	MCR18EZPJ100	Rohm
R8	150 Ω	MCR10EZPJ151	Rohm
R9	100k Ω	MCR10EZPJ104	Rohm
R10	0.15 Ω	LTR100JZPFLR150	Rohm

Item	Spec	Parts name	Maker
R11	1k Ω	MCR10EZPJ102	Rohm
R12	10 Ω	MCR18EZPJ100	Rohm
R14	0 Ω	MCR18EZPJ000	Rohm
R15	2k Ω	MCR10EZPJ202	Rohm
R16	1k Ω	MCR10EZPJ102	Rohm
R17	120k Ω	MCR10EZPF1203	Rohm
R18	9.1k Ω	MCR10EZPF9101	Rohm
R19	15k Ω	MCR10EZPF1502	Rohm
R20	12k Ω	MCR10EZPJ123	Rohm
R30	0 Ω	MCR03EZPJ000	Rohm
T1	EER28	YPP1178	Alpha Trans
U2		TL431	TI
PC1	5kV	LTV-817-B	LiteOn

Important Notes on the Use of Reference Designs

- 1) The contents of this document are subject to change without notice for the purpose of improvement.
- 2) ROHM provides reference designs (including, but not limited to, circuit diagrams, layout data, parts lists, reference boards and their evaluation results, etc.) and all materials related to evaluation boards (hereinafter collectively referred to as "Reference Designs, etc.") to customers for the purpose of referencing them in the development of devices, equipment, software, etc. incorporating ROHM products (hereinafter collectively referred to as "Customer Products"). The design, verification, etc. required for the development of the Customer's Product shall be done at the customer's responsibility and expense. In no event shall the customer use the Reference Designs, etc. for any purpose other than the purpose mentioned above.
- 3) Reference Designs, etc. are provided on an "as is" basis. ROHM disclaims all warranties, express or implied, including, but not limited to, warranties of usefulness, functionality, accuracy, merchantability, and fitness for a particular purpose. In no event shall ROHM be liable for any damages (including, but not limited to, lost profits or other incidental, consequential, or punitive damages) arising out of, related to or in connection with the use of or application of the Reference Designs, etc. whether in contract or tort. For the avoidance of doubt, ROHM does not warrant that the Reference Designs, etc. will work with the Customer's Product.
- 4) When using Reference Designs, etc. be sure to request and verify the latest specifications (including the specifications of the products that compose the Reference Design, etc.) separately.
- 5) The customer shall be responsible for implementing safety measures such as derating, redundant design, fire prevention, backup, and fail-safe measures, etc., to prevent personal injury, fire damage, etc., caused by the Customer's Product developed with Reference Designs, etc. ROHM assumes no liability whatsoever for any use in excess of the ratings or in case of failure to observe the instructions for use.
- 6) The application circuit examples, constants, and other information provided in Reference Designs, etc. are intended to illustrate standard operation and usage. Therefore, when designing for mass production, please take into account various external conditions.
- 7) Reference Designs, etc. are intended to show typical operations and examples of application circuits, etc., and do not constitute a license, express or implied, to implement or use any intellectual property rights or any other rights of ROHM or any other company. ROHM shall not be liable for any disputes arising from, related to or in connection with the use of the Reference Designs, etc.
- 8) Please make sure to contact ROHM and obtain ROHM's consent before using the Reference Designs, etc. for the following Customer's Product that requires particularly high reliability. Transportation equipment (in-vehicle, ship, railroad, etc.), trunk line communication equipment, traffic signal equipment, disaster and security equipment, safety equipment, medical equipment, servers, solar cells, power transmission systems, etc.
- 9) Do not use Reference Designs, etc. for the following Customer's Product that requires extremely high reliability. Aerospace equipment, nuclear power control equipment, submarine relay equipment, etc.
- 10) Do not use Reference Designs, etc. for military use, such as development of weapons of mass destruction, or for any other military purpose.
- 11) ROHM does not assume any liability for any accidents or damages caused by non-compliance with the descriptions in this document.
- 12) The information contained in this document has been carefully prepared to ensure accuracy. However, ROHM shall not be liable for any loss or damage incurred by customers due to errors or misprints in this document.
- 13) Do not reproduce or duplicate any part of this document in any form or by any means without ROHM's permission.



Thank you for your accessing to ROHM product informations.
More detail product informations and catalogs are available, please contact us.

ROHM Customer Support System

<http://www.rohm.com/contact/>