

ABOUT 3PEAK

Established in 2012, 3PEAK was listed on the Shanghai Science and Technology Innovation Board on September 21, 2020. The company is committed to the research and development of high-performance, high-quality, and highly reliable integrated circuit products, including signal chains, power analog chips, mixed-signal front-ends, and embedded processors to provide customers with all-around solutions. The applications of the products cover many fields such as communication, industrial, security monitoring, medical and health, instrumentation, new energy, and automotive industry.



Singel 3 | B-2550 Kontich | Belgium | Tel. +32 (0)3 458 30 33
info@alcom.be | www.alcom.be

Rivium 1e straat 52 | 2909 LE Capelle aan den IJssel | The Netherlands
Tel. +31 (0)10 288 25 00 | info@alcom.nl | www.alcom.nl

Non-isolated Gate Drivers

Part Number	Status	Rating	VIN (V)	# of Channel	Max Output Current (A)	Input Voltage Range (V)	Junction Temperature Range (°C)	Rise / fall time (ns)	Propagation Delay (ns)	Delay Matching (ns)	Package
TPM2015Q	Preview	Automotive	4.75-5.25	1	7	0-5	-40 to +150	0.45/0.45	2	n/a	QFN2X2-10
TPM2025	Production	Industrial	4.75-5.25	2	7	0-5	-40 to +150	0.45/0.45	2	0.05	QFN2X2-10
TPM2025Q	Preview	Automotive	4.75-5.25	2	7	0-5	-40 to +150	0.45/0.45	2	0.05	QFN2X2-10
TPM27523	Production	Industrial	4.5-25	2	5	-5-20	-40 to +150	7/6	14	< 1	SOP8, EMSOP8, DFN2X2-8, DFN3X3-8
TPM27524	Production	Industrial	4.5-25	2	5	-5-20	-40 to +150	7/6	14	< 1	SOP8, EMSOP8, DFN2X2-8, DFN3X3-8
TPM27525	Production	Industrial	4.5-25	2	5	-5-20	-40 to +150	7/6	14	< 1	SOP8, EMSOP8, DFN2X2-8, DFN3X3-8
TPM27526	Production	Industrial	4.5-25	2	5	-5-20	-40 to +150	7/6	14	< 1	SOP8, EMSOP8, DFN2X2-8, DFN3X3-8
TPM27524Q	Preview	Automotive	4.5-25	2	5	-5-20	-40 to +150	7/6	14	< 1	SOP8, EMSOP8, DFN2X2-8
TPM27517	Production	Industrial	4.5-25	1	5	-5-20	-40 to +150	7/6	14	n/a	SOT23-5
TPM44273	Production	Industrial	4.5-25	1	5	-5-20	-40 to +150	7/6	14	n/a	SOT23-5
TPM27217	Preview	Industrial	4.5-23	1	2	-5-20	-40 to +150	8/9	18	n/a	SOT23-5
TPM27224	Preview	Industrial	4.5-23	2	2	-5-20	-40 to +150	8/9	18	1	SOP8, DFN2X2-8
TPM27201	Preview	Industrial	120	HS+LS	2.5/3.5	-5-20	-40 to +150	12/10	16	1	DFN4X4-8, ESOP8, SOP8
TPM27221	Preview	Industrial	120	HS+LS	2.5/3.5	-5-20	-40 to +150	12/10	16	1	DFN4X4-10, DFN4X4-8, ESOP8, SOP8
TPM27282	Preview	Industrial	120	HS+LS	2.5/3.5	-5-20	-40 to +150	12/10	16	1	DFN3X3-10, SOP8

Isolated Gate Drivers

Part Number	Status	Rating	Feature	Isolation rating (Vrms)	# of Channel	Peak Output Current (A)	Junction Temperature Range (°C)	Output Voltage Max (V)	Output Voltage Min (V)	Propagation Delay (ns)	Package
TPM23513	Preview	Industrial	Opto-compatible input	5700	1	5/5	-40 to +150	40	14	70	WSOP6
TPM23514M	Preview	Industrial	Opto-compatible input, Miller Clamp	5700	1	5/5	-40 to +150	40	14	70	WSOP8
TPM23514S	Preview	Industrial	Opto-compatible input, Split Output	5700	1	5/5	-40 to +150	40	14	70	WSOP8
TPM23514D	Preview	Industrial	Opto-compatible input, Desat Protection	5700	1	5/5	-40 to +150	40	14	70	WSOP8
TPM23514V	Preview	Industrial	Opto-compatible input	5700	1	5/5	-40 to +150	40	14	70	WSOP8



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