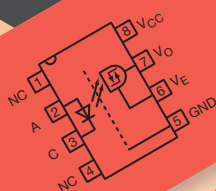
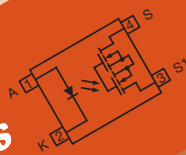


Optocouplers

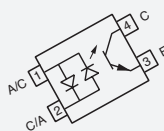
High Speed



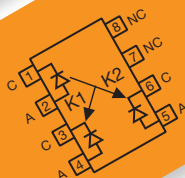
Solid-State Relays



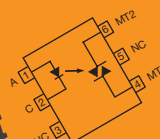
Optocoupler With AC Input



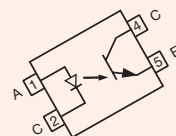
Linear



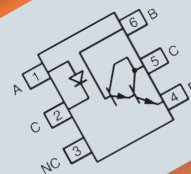
Phototriac Output



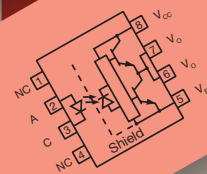
Phototransistor Output



Photodarlington Output



IGBT and MOSFET Driver





OPTOCOUPERS

Focus Products

Phototransistor Output

Part Number	Package	Forward Current I _F Typ. (mA)	V _{CEO} (V)	CTR Min. (%)	CTR Max. (%)	Operating Temperature (°C)	V _{ISO} (V _{RMS})	Safety Standards	
VO618A	DIP-4, SMD-4	1	80	50	600	-55 to +110	5300	UL, cUL, VDE, BSI, FIMKO, CQC	
VO617A		5		40			5000		
VO615A		10	70	63					UL, cUL, VDE, FIMKO, CQC
VOL628A, AC Input	LSOP-4	± 1	80	40			3750	UL, cUL, VDE, FIMKO, CQC	
VOL617A		5		50					
VOL618A		1		40					
VOM618A	SOP-4	5	80	50		-40 to +110	4000	UL, cUL, VDE, CQC	
VOM617A									
VOMA617A Automotive									
VO215AT, VO216AT, VO217AT	SOIC-8	1	30	20	-	-40 to +100	4000	UL, cUL, VDE	
VO205T, VO206T, VO207T		10	70	40	320				
VO211AT, VO213AT			30	20	-				

Phototriac Output

Part Number	Package	Zero or Non-Zero Crossing	Trigger Current I _{FT} (mA) Max.	Blocking Voltage V _{DRM} (V)	On-State Current (mA)	Static dV/dt (V/μs)	V _{ISO} (V _{RMS})	Safety Standards
BRT12F	SMD-6, DIP-6	Non-zero	1.2	600	300	10000	5300	UL, VDE, CQC
BRT13H			2	800				
BRT22F		Zero	1.2	600				UL, VDE, CSA
BRT23F			800					
IL410			600					
IL4108			800					
IL4118		1.3	800	UL, CSA, BSI, VDE, FIMKO				
IL420		Non-zero	2	600	UL, CSA, VDE, CQC			
IL4208			800	UL, CSA, BSI, VDE, FIMKO				
IL4218			1.3					
VO3052			10					
VO3053		5	600		100	1500		UL, cUL, VDE
VO3062		10						
VO4156D		Zero	600	300	5000	UL, cUL, VDE, FIMKO		
VO4158D			800					
VO4256D			600					
VO4258D			800					
VOM160	SOP-4	Non-zero	5 to 10	600	70	500	3750	UL, cUL, CQC, VDE
VOM3052			10			1500		UL, cUL, VDE, CQC
VOM3053			5					
VO2223B Power TRIAC	DIP-8		10		1000	600	5300	UL, cUL, VDE



OPTOCOUPERS

Focus Products

Solid-State Relays

Part Number	Package	Output	V _L Max. (V)	I _L Max. (mA)	I _{For} Max. (mA)	R _{ON} Max. (Ω)	t _{on} Max. (ms)	t _{off} Max. (ms)	V _{ISO} (V _{RMS})	Safety Standards			
VO1400	SOP-4	1 Form A	60	100	2	5	0.5	0.5	3750	UL, VDE, cUL, FIMKO, CQC			
VO14642A	SMD-6, DIP-6			2000		0.25	0.8	0.8	5300	UL, cUL			
VOR1121A6 VOR1121B6	DIP-6, SMD-6		250	200		15	0.5	0.2		UL, VDE			
VOR1142A6 VOR1142B6			400	140		27							
VOR1142M4	SOP-4					5300							
VOR2121A8 VOR2121B8	DIP-8, SMD-8		250	200					15				
VOR2142A8 VOR2142B8			400	140					27				

Linear

Part Number	Package	K3 Transfer Gain (%)	Transfer Gain Linearity Typ. (± %)	Bandwidth, Typ. (kHz)	V _{ISO} (V _{RMS})	Safety Standards
IL300	DIP-8, SMD-8	0.557 to 1.618	0.25	200	5300	UL, cUL, BSI, VDE, FIMKO, CQC

High Speed

Part Number	Package	Data Rate (MBd)	CTR Min. (%)	Pulse Width Distortion PWD (ns)	t _{PLH} Typ. (μs)	t _{PHL} Typ. (μs)	CMTI Typ. (V/μs)	Operating Temperature (°C)	V _{ISO} (V _{RMS})	Safety Standards	
SFH6136	DIP-8, SMD-8	1	19	-	0.2	0.2	1000	-55 to +100	5300	UL, VDE, CSA	
SFH6316	SOIC-8		15		0.25	0.5			4000	UL, cUL, VDE	
SFH6326 (dual)	DIP-8, SMD-8		19		0.2				5300		
SFH6343	SOIC-8		0.25		4000						
SFH6345	DIP-8, SMD-8		15		0.3	0.3	30 000		5300	UL, cUL, VDE, CQC	
VO2601						5000	UL, cUL, VDE, BS EN, CQC				
VO2611						15 000					
VO2630 (dual)						1000					
VO2631 (dual)						5000					
VO4661 (dual)						15 000					
VO0600		SOIC-8	10	-	2.9	0.048	0.05	-40 to +100	4000	UL, cUL, VDE	
VO0601											1000
VO0611											5000
VO0630 (dual)											15 000
VO0631 (dual)	1000										
VO0661 (dual)	5000										
VOM453	SOP-5	1	15	-	0.5	0.2	15	-55 to +100	3750	UL, cUL, VDE, CQC	
VOW136	DIP-8 widebody, SMD-8 widebody		19		0.6	0.2	1000	-40 to +100	5300		
VOW137		10	-	3.1	49	46	-				
VOW2611							40 000				

IGBT and MOSFET Drivers

Part Number	Package	Driver Type	Output Current I _o (A)	Operating Voltage Range V _{cc} (V)	t _{PLH} , t _{PHL} Min. to Max. (μs)	PWD (μs)	CMR Min. (kV/μs)	Operating Temperature Range (°C)	V _{ISO} (V _{RMS})	Safety Standards	
VO1263	SMD-8, DIP-8	MOSFET	-	-	-	-	-	-40 to +100	5300	UL, VDE, FIMKO, BSI, CQC	
VOM1271	SOP-4		-	-	-	-	-	-40 to +100	4500	UL, cUL, FIMKO	
VO3120	SMD-8, DIP-8	IGBT	2.5	15 to 32	0.1 to 0.4	0.2	25	-40 to +110	5300	UL, cUL, VDE	
VO3150A			0.5								0.1 to 0.5
VOL3120	LSOP-5		2.5		0.1 to 0.5	0.3	25	-40 to +100		UL, cUL, VDE, CQC	
VOW3120	SMD-8 widebody						25				



Optoelectronics

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- High current transfer ratio (CTR) at low forward currents (I_F)
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- Low coupling capacitance

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- Data transmission
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Vishay optocouplers protect users from electrical shocks and protect microprocessors from being damaged by voltage spikes

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