

# Transistor Output Optocoupler

## DC-Input

Part Number	Package	Pin Connections	Pin Pitch (mm)	Absolute Maximum Ratings				Electrical Characteristics					Safety Approvals	Features												
				BV (Vr.m.s.)	VCEO (V)	IC (mA)	TA (°C)	CTR Rank	MIN. (%)	MAX. (%)	IF (mA)	VCE (V)			tr, tf (ms) TYP.											
PS2501-4 PS2501L-4	16-pin DIP		2.54	5000	80	50	-55 to 100	N	80	600	5	5	3, 5 (RL = 100 W)	UL	4 channels											
PS2503-1 PS2503L-1	4-pin DIP		2.54	5000	40	30	-55 to 100	N	100	400	1	5	20, 30 (RL = 10 kW)	UL, CSA	Low input current IF (1mA)											
								M	100	200	1	5														
								L	150	300	1	5														
								K	200	400	1	5														
PS2513-1 PS2513L-1	4-pin DIP		2.54	5000	120	30	55 to 100	N	25	100	1	5	ton, toff 5, 25 (RL = 1.9 kW)	UL	High VCEO (120 V) Guaranteed maximum switching speed CTR specified for IF=1mA and IF=5mA											
									50	200	5	5														
PS2514-1 PS2514L-1	4-pin DIP		2.54	5000	40	20	55 to 100	N	50	200	5	5	ton, toff 15, 15 (RL = 5 kW)	UL, VDE (option), CSA	Guaranteed maximum switching speed											
PS2561D-1 PS2561DL-1 PS2561DL1-1 PS2561DL2-1	4-pin DIP		2.54	5000	80	50	-55 to 110	N	50	400	5	5	3, 5 (RL = 100 W)	UL, VDE (option), CSA, BSI, SEMKO, FIMKO, NEMKO, DEMKO	High op. ambient temperature (110°C) Insulation thickness: 0.4mm Wide range of safety standards CTR specified for IF=1mA and 5mA Creepage distance: 8mm (L1/L2)											
									10	-	1	5														
								H	80	160	5	5														
									16	-	1	5														
								Q	100	200	5	5														
									20	-	1	5														
								W	130	260	5	5														
									26	-	1	5														
								L	200	400	5	5														
									40	-	1	5														
PS2381-1	4-pin LSOP		2.54	5000	80	50	-40 to 115	N	50	400	5	5	4, 5 (RL = 100 W)	UL, VDE (option), CSA, SEMKO, CQC	High op. ambient temperature (115°C) Insulation thickness: 0.4mm CTR specified for IF=1mA and 5mA Creepage distance: 8mm											
									10	-	1	5														
								M	50	150	5	5														
									10	-	1	5														
								W	130	260	5	5														
									20	-	1	5														
								L	100	300	5	5														
									20	-	1	5														
								PS2701A-1	4-pin SOP		2.54	3750				70	30	-55 to 100	N	50	300	5	5	5, 7 (RL = 100 W)	UL, VDE (Option), CSA, BSI, FIMKO	
																			M	50	150	5	5			
L	100	300	5	5																						
P	150	300	5	5																						
PS2703-1	4-pin SOP		2.54	3750	120	30	-55 to 100	N	50	400	5	5	10, 10 (RL = 1 kW)	UL, VDE (Option), BSI	High VCEO (120 V) CTR specified for IF=1mA and IF=5mA											
									10		1	5														
								M	50	150	5	5														
									10		1	5														
								L	100	300	5	5														
									25		1	5														
								K	200	400	5	5														
									80		1	5														
PS2711-1	4-pin SOP		2.54	3750	40	40	-55 to 100	N	100	400	1	5	4, 5 (RL = 100 W)	UL, VDE (Option)	Low input current IF (1mA)											
								M	100	200	1	5														
								L	150	300	1	5														
								K	200	400	1	5														

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## DC-Input

Part Number	Package	Pin Connections	Pin Pitch (mm)	Absolute Maximum Ratings				Electrical Characteristics						Safety Approvals	Features	
				BV (Vr.m.s.)	VCEO (V)	IC (mA)	TA (°C)	CTR					tr, tf (ms) TYP.			
								Rank	MIN. (%)	MAX. (%)	IF (mA)	VCE (V)				
PS2761B-1	4-pin SOP		2.54	3750	70	40	-55 to 110	N	50	400	5	5	4, 5 (RL = 100 W)	UL, BSI, CSA, VDE (Option), SEMKO, FIMKO, NEMKO, DEMKO	High operating ambient temperature (110°C) Insulation thickness: 0.4mm Wide range of safety standards CTR specified for IF=1mA and 5mA	
									10		1	5				
									M	50	150	5				5
										10		1				5
									L	100	300	5				5
										20		1				5
K	200	400	5	5												
	40		1	5												
PS2801C-1	4-pin SSOP		1.27	2500	80	30	-55 to 100	N	50	400	5	5	5, 7 (RL = 100 W)	UL, VDE (Option)		
									L	100	300	5				5
									P	150	300	5				5
PS2801-4	16-pin SSOP		1.27	2500	80	50	-55 to 100	N	80	600	5	5	3, 5 (RL = 100 W)	UL, VDE (Option), BSI	4 channels	
PS2801C-4	16-pin SSOP		1.27	2500	80	30	-55 to 100	N	50	400	5	5	5, 7 (RL = 100 W)	UL, VDE (option)	4 channels	
PS2811-1	4-pin SSOP		1.27	2500	40	40	-55 to 100	N	100	400	1	5	4, 5 (RL = 100 W)	UL, VDE (option)	Low input current IF (1mA)	
									M	100	200	1				5
									L	150	300	1				5
									K	200	400	1				5
PS2811-4	16-pin SSOP		1.27	2500	40	40	-55 to 100	N	100	400	1	5	4, 5 (RL = 100 W)	UL, VDE (option)	4 channels Low input current IF (1mA)	
PS2861B-1	4-pin SSOP		1.27	3750	70	50	-55 to 110	N	50	400	5	5	4, 5 (RL = 100 W)	UL, BSI, CSA, VDE (Option), SEMKO, FIMKO, NEMKO, DEMKO	High operating ambient temperature (110°C) Insulation thickness: 0.4mm Wide range of safety standards CTR specified for IF=1mA and 5mA	
									10	-	1	5				
PS2841-4A	12-pin SSOP		0.8	1500	70	20	-40 to 100	N	100	400	1	0.4	ton, toff TYP. (ms) 20, 110 (RL = 5 kW)	UL	4 channels Cathode, Collector common Insulation thickness: 0.4mm	
PS2841-4B	12-pin SSOP		0.8	1500	70	20	-40 to 100	N	100	400	1	0.4	ton, toff TYP. (ms) 20, 110 (RL = 5 kW)	UL	4 channels Anode, Collector common Insulation thickness: 0.4mm	
PS2911-1	4-pin SSOP (flat lead)		1.27	2500	40	40	-55 to 100	N	100	400	1	5	5, 10 (RL = 100 W)	UL, VDE (Option), BSI	Low input current IF (1mA) Insulation thickness: 0.4 mm	
									M	100	200	1				5
									L	150	300	1				5
									K	200	400	1				5
PS2913-1	4-pin SSOP (flat lead)		1.27	2500	120	30	-55 to 100	N	50	200	1	5	10, 10 (RL = 100 W)	UL, VDE (Option), BSI	Low input current IF (1mA) High VCEO (120V) Insulation thickness: 0.4 mm	
									M	50	100	1				5
									L	75	150	1				5
									K	100	200	1				5

### Darlington Transistor Output Optocoupler – DC Input

Part Number	Package	Pin Connections	Pin Pitch (mm)	Absolute Maximum Ratings				Electrical Characteristics					Safety Approvals	Features	
				BV (Vr.m.s.)	VCEO (V)	IC (mA)	TA (°C)	CTR Rank	MIN. (%)	MAX. (%)	IF (mA)	VCE (V)			tr, tf (ms) TYP.
PS2502-1 PS2502L-1	4-pin DIP		2.54	5000	40	200	-55 to 100	N	200	-	1	2	100, 100 (RL = 100 W)	UL	
								M	200	1000	1	2			
								L	700	3400	1	2			
								K	2 000	-	1	2			
PS2533-1 PS2533L-1	4-pin DIP		2.54	5000	350	150	-55 to 100	N	1 000	6500	1	2	100, 100 (RL = 100 W)	UL, VDE (Option), CSA, BSI, SEMKO, FIMKO, NEMKO, DEMKO	High VCEO (350 V) High CTR (TYP. 4000%) Insulation thickness: 0.4mm
PS2535-1 PS2535L-1	4-pin DIP		2.54	5000	350	120	-55 to 100	N	400	5500	1	2	18, 5 (RL = 100 W)	UL, VDE (Option), BSI	High VCEO (350 V) Insulation thickness: 0.4mm
								L	1 500	5500	1	2			
PS2562-1 PS2562L-1	4-pin DIP		2.54	5000	40	200	-55 to 100	N	200	-	1	2	100, 100 (RL = 100 W)	UL, CSA, VDE (Option), BSI, SEMKO, FIMKO, NEMKO, DEMKO	Wide range of safety standards Insulation thickness: 0.4mm
								M	200	1000	1	2			
								L	700	3400	1	2			
								K	2 000	-	1	2			
PS2702-1	4-pin SOP		2.54	3750	40	200	-55 to 100	N	200	-	1	2	200, 200 (RL = 100 W)	UL, VDE (Option), BSI	
								M	200	1000	1	2			
								L	700	3400	1	2			
								K	2 000	-	1	2			
PS2733-1	4-pin SOP		2.54	2500	350	150	-55 to 100	N	1500	-	1	2	100, 100 (RL = 100 W)	UL, VDE (Option), BSI	High VCEO (350 V) High CTR (TYP. 4000%)
PS2802-1	4-pin SSOP		1.27	2500	40	90	-55 to 100	N	200	-	1	2	200, 200 (RL = 100 W)	UL, VDE (Option), BSI	
								M	200	1000	1	2			
								L	700	3400	1	2			
								K	2000	-	1	2			
PS2802-4	16-pin SSOP		1.27	2500	40	100	-55 to 100	N	200	-	1	2	200, 200 (RL = 100 W)	UL, VDE (Option), BSI	4 channels
PS2833-1	4-pin SSOP		1.27	2500	350	60	-55 to 100	N	400	4500	1	2	20, 5 (RL = 100 W)	UL	High VCEO (350 V)
PS2833-4	16-pin SSOP		1.27	2500	300	60	-55 to 100	N	400	4500	1	2	20, 5 (RL = 100 W)	UL	4 channels High VCEO (350 V)
PS2933-1	4-pin SSOP (flat lead)		1.27	2500	350	60	-55 to 100	N	400	4500	1	2	20, 5 (RL = 100 W)	UL, VDE (Option), BSI	High VCEO (350 V) Insulation thickness: 0.4mm

# Transistor Output Optocoupler

## AC-Input

Part Number	Package	Pin Connections	Pin Pitch (mm)	Absolute Maximum Ratings				Electrical Characteristics					Safety Approvals	Features	
				BV (Vr.m.s.)	VCEO (V)	IC (mA)	TA (°C)	CTR Rank	MIN. (%)	MAX. (%)	IF (mA)	VCE (V)			tr, tf (ms) TYP.
PS2505-1 PS2505L-1	4-pin DIP		2.54	5000	80	50	-55 to 100	N	80	600	±5	5	3, 5 (RL = 100 W)	UL	
PS2505-4 PS2505L-4	16-pin DIP		2.54	5000	80	50	-55 to 100	N	80	600	±5	5	3, 5 (RL = 100 W)	UL	4 channel
PS2565-1 PS2565L-1	4-pin DIP		2.54	5000	80	50	-55 to 100	N	80	400	±5	5	3, 5 (RL = 100 W)	UL, CSA, VDE (Option), BSI, SEMKO, FIMKO, NEMKO, DEMKO	Insulation thickness: 0.4mm Wide range of safety standards
PS2705-1	4-pin SOP		2.54	3750	40	80	-55 to 100	N	50	300	±5	5	3, 5 (RL = 100 W)	UL, VDE (Option), BSI	
								M	50	150	±5	5			
								L	100	300	±5	5			
PS2705A-1	4-pin SOP		2.54	3750	70	30	-55 to 100	N	50	300	±5	5	5, 7 (RL = 100 W)	UL, VDE (Option), BSI	
								M	50	150	±5	5			
								L	100	300	±5	5			
PS2715-1	4-pin SOP		2.54	3750	40	40	-55 to 100	N	100	400	±1	5	4, 5 (RL = 100 W)	UL, VDE (Option)	Low input current IF (±1mA)
PS2805C-1	4-pin SSOP		1.27	2500	80	30	-55 to 100	N	50	400	±5	5	5, 7 (RL = 100 W)	UL, VDE (Option)	
								M	100	400	±5	5			
PS2805C-4	16-pin SSOP		1.27	2500	80	30	-55 to 100	N	50	400	±5	5	5, 7 (RL = 100 W)	UL, VDE (Option)	4 channels
								M	100	400	±5	5			
PS2815-1	4-pin SSOP		1.27	2500	40	40	-55 to 100	N	100	400	±1	5	4, 5 (RL = 100 W)	UL, VDE (option)	Low input current IF (±1mA)
PS2815-4	16-pin SSOP		1.27	2500	40	40	-55 to 100	N	100	400	±1	5	4, 5 (RL = 100 W)	UL, VDE (Option)	4 channels Low input current IF (±1mA)
PS2845-4A	12-pin SSOP		0.8	1500	70	20	-40 to 100	N	100	400	±1	0.4	7, 10 (RL = 100 W)	UL	4 channels Anode, Cathode, Collector common Insulation thickness: 0.4mm
PS2915-1	4-pin SSOP (flat lead)		1.27	2500	40	40	-55 to 100	N	100	400	±1	5	5, 10 (RL = 100 W)	UL, VDE (Option), BSI	Insulation thickness: 0,4mm

## Darlington Transistor Output Optocoupler – AC Input

Part Number	Package	Pin Connections	Pin Pitch (mm)	Absolute Maximum Ratings				Electrical Characteristics					Safety Approvals	Features	
				BV (Vr.m.s.)	VCEO (V)	IC (mA)	TA (°C)	CTR Rank	MIN. (%)	MAX. (%)	IF (mA)	VCE (V)			tr, tf (ms) TYP.
PS2506-1 PS2506L-1	4-pin DIP		2.54	5000	40	200	-55 to 100	N	200	-	±1	2	100, 100 (RL = 100 W)	UL	High CTR (TYP. 2000%)

# IC Output Optocoupler

## 1 Mbit/s, ANALOG OUTPUT OPTOCOUPLER

Part Number	Package	Pin Connections	Pin Pitch (mm)	Absolute Maximum Ratings				Electrical Characteristics			Safety Approvals	Other Features
				BV (V r.m.s.)	VCC (V)	IO (mA/ch)	T <sub>A</sub> (°C)	CTR (%)	CMH, CML (kV/μs) MIN.	tPHL, tPLH (μs) MAX.		
PS8501 PS8501L1 PS8501L2 PS8501L3	8-pin DIP		2.54	5000	35	8	-55 to 100	15 or above (I <sub>F</sub> = 16 mA, V <sub>CC</sub> = 4.5 V, V <sub>O</sub> = 0.4 V)	-	0.8/0.8 (RL = 1.9 kW)	UL, VDE (option), CSA, BSI, SEMKO, NEMKO, DEMKO, FIMKO	Base pin Creepage distance: 8 mm (L1/L2)
PS8502 PS8502L1 PS8502L2 PS8502L3	8-pin DIP		2.54	5000	35	8	-55 to 100	15 or above (I <sub>F</sub> = 16 mA, V <sub>CC</sub> = 4.5 V, V <sub>O</sub> = 0.4 V)	15	0.8/0.8 (RL = 1.9 kW)	UL, VDE (option), CSA, BSI, SEMKO, NEMKO, DEMKO, FIMKO	Creepage distance: 8 mm (L1/L2)
PS8302L PS8302L2	6-pin SDIP		1.27	5000	35	8	-40 to 110	15 or above (I <sub>F</sub> = 16 mA, V <sub>CC</sub> = 4.5 V, V <sub>O</sub> = 0.4 V)	15	0.8/0.8 (RL = 1.9 kW)	UL, VDE(option), CSA, BSI	Half size of 8-pin DIP Creepage distance: 8 mm (L2) High operating ambient temperature (110°C)
PS8101	5-pin SOP		1.27	3750	35	8	-55 to 100	15 to 35 (I <sub>F</sub> = 16 mA, V <sub>CC</sub> = 4.5 V, V <sub>O</sub> = 0.4 V)	10	0.8/1.2 (RL = 2.2 kW)	UL, VDE (option)	CTR = 20 to 35% available (K-Rank)
PS8802-1	S0-8		1.27	2500	35	8	-55 to 100	15 to 45 (I <sub>F</sub> = 16 mA, V <sub>CC</sub> = 4.5 V, V <sub>O</sub> = 0.4 V)	15	0.8/1.2 (RL = 2.2 kW)	UL, VDE (option)	-
PS8802-2	S0-8		1.27	2500	35	8	-55 to 100	15 to 45 (I <sub>F</sub> = 16 mA, V <sub>CC</sub> = 4.5 V, V <sub>O</sub> = 0.4 V)	15	0.8/1.2 (RL = 2.2 kW)	UL, VDE (option)	Dual channel type
PS8821-1	S0-8		1.27	2500	7	8	-55 to 100	15 to 45 (I <sub>F</sub> = 16 mA, V <sub>CC</sub> = 4.5 V, V <sub>O</sub> = 0.4 V)	1 (TYP.)	0.8/1.2 (RL = 2.2 kW)	UL, VDE (option)	Low power consumption (V <sub>CC</sub> = 3.3 V)
PS8821-2	S0-8		1.27	2500	7	8	-55 to 100	15 to 45 (I <sub>F</sub> = 16 mA, V <sub>CC</sub> = 4.5 V, V <sub>O</sub> = 0.4 V)	1 (TYP.)	0.8/1.2 (RL = 2.2 kW)	UL, VDE (option)	Low power consumption (V <sub>CC</sub> = 3.3 V) Dual channel type

## 1 Mbit/s, DIGITAL OUTPUT OPTOCOUPLER

Part Number	Package	Pin Connections	Pin Pitch (mm)	Absolute Maximum Ratings				Electrical Characteristics				Safety Approvals	Other Features
				BV (V r.m.s.)	VCC (V)	IO (mA/ch)	T <sub>A</sub> (°C)	IFHL (mA) MAX.	CMH, CML (kV/μs) MIN.	tPHL, tPLH (μs) MAX.	tPHL-tPLH (ns) MAX.		
PS9122	5-pin SOP		1.27	3750	7	10	-40 to 100	5	-	0.5/0.7 (RL = 350 W)	0.2 (RL = 350 W)	UL, VDE (option)	V <sub>CC</sub> = 3.3 V / 5 V Open collector output
PS9822-1	S0-8		1.27	2500	7	25	-40 to 100	5	-	0.5/0.7 (RL = 350 W)	0.2 (RL = 350 W)	UL, VDE (option)	V <sub>CC</sub> = 3.3 V / 5 V Open collector output
PS9822-2	S0-8		1.27	2500	7	25	-40 to 100	5	-	0.5/0.7 (RL = 350 W)	0.2 (RL = 350 W)	UL, VDE (option)	V <sub>CC</sub> = 3.3 V / 5 V Open collector output Dual channel type

# IC Output Optocoupler

## 10Mbit/s, DIGITAL OUTPUT OPTOCOUPLER

Part Number	Package	Pin Connections	Pin Pitch (mm)	Absolute Maximum Ratings				Electrical Characteristics				Safety Approvals	Other Features
				BV (V r.m.s.)	VCC (V)	IO (mA/ch)	T <sub>A</sub> (°C)	IFHL (mA) MAX.	CMH, CML (kV/μs) MIN.	tPHL, tPLH (ns) MAX.	tPHL-tPLH (ns) MAX.		
PS9587 PS9587L1 PS9587L2 PS9587L3	8-pin DIP		2.54	5000	7	25	-40 to 85	5	15	100/100 (RL = 350 W)	50 (RL = 350 W)	UL, VDE (option), CSA, BSI, SEMKO, NEMKO, DEMKO, FIMKO	Creepage distance: 8 mm (L1/L2) Open collector output
PS9317L PS9317L2	6-pin SDIP		1.27	5000	7	25	-40 to 85	5	15	100/100 (RL = 350 W)	35 (RL = 350 W)	UL, VDE (option), CSA, BSI	Half size of 8-pin DIP Creepage distance: 8 mm (L2) Open collector output
PS9117A	5-pin SOP		1.27	3750	7	25	-40 to 85	5	15	100/100 (RL = 350 W)	35 (RL = 350 W)	UL, VDE (option)	Open collector output
PS9121	5-pin SOP		1.27	3750	7	25	-40 to 85	5	15	100/100 (RL = 350 W)	35 (RL = 350 W)	UL, VDE (option)	Low power consumption (V <sub>cc</sub> =3.3V) Open collector output
PS9817A-1	S0-8		1.27	2500	7	25	-40 to 85	5	15	100/100 (RL = 350 W)	35 (RL = 350 W)	UL, VDE (option)	Open collector output
PS9817A-2	S0-8		1.27	2500	7	25	-40 to 85	5	15	100/100 (RL = 350 W)	35 (RL = 350 W)	UL, VDE (option)	Open collector output Dual channel type
PS9821-1	S0-8		1.27	2500	7	25	-40 to 85	5	15	100/100 (RL = 350 W)	35 (RL = 350 W)	UL, VDE (option)	Low power consumption (V <sub>cc</sub> =3.3V) Open collector output
PS9821-2	S0-8		1.27	2500	7	25	-40 to 85	5	15	100/100 (RL = 350 W)	35 (RL = 350 W)	UL, VDE (option)	Low power consumption (V <sub>cc</sub> =3.3V) Open collector output Dual channel type

## 15Mbit/s, CMOS OUTPUT OPTOCOUPLER

Part Number	Package	Pin Connections	Pin Pitch (mm)	Absolute Maximum Ratings				Electrical Characteristics				Safety Approvals	Other Features
				BV (V r.m.s.)	VCC (V)	IO (mA/ch)	T <sub>A</sub> (°C)	IFHL (mA) MAX.	CMH, CML (kV/μs) MIN.	tPHL, tPLH (ns) MAX.	tPHL-tPLH (ns) MAX.		
PS9151	5-pin SOP		1.27	3750	V <sub>DD</sub> = 5.5	2	-40 to 100	5	15	60/60	30	UL, VDE (option)	CMOS output
PS9851-1	S0-8		1.27	2500	V <sub>DD</sub> = 5.5	2	-40 to 100	6	10	60/60	30	UL, VDE (option)	CMOS output
PS9851-2	S0-8		1.27	2500	V <sub>DD</sub> = 5.5	2	-40 to 100	6	10	60/60	30	UL, VDE (option)	CMOS output Dual channel type

# IC Output Optocoupler

## IPM-/IGBT-Drive, Analogue Isolation Amplifier

### IPM-Drive Optocoupler

Part Number	Package	Pin Connections	Pin Pitch (mm)	Absolute Maximum Ratings				Electrical Characteristics				Safety Approvals	Features
				BV (V r.m.s.)	VCC (V)	IO (mA)	TA (°C)	I <sub>FHL</sub> (mA) MAX.	CMH, CML (kV/μs) MIN.	t <sub>FHL</sub> , t <sub>PLH</sub> (μs) MAX.	(t <sub>FHL</sub> -t <sub>PLH</sub> ) (μs) MAX.		
PS9513 PS9513L1 PS9513L2 PS9513L3	8-pin DIP		2.54	5000	35	15	-40 to 100	5	15	0.5/0.75 (RL = 20 kW)	0.65 (RL = 20 kW)	UL, VDE (option), CSA, BSI, SEMKO, NEMKO, DEMKO, FIMKO	Creepage distance: 8 mm (L1/L2)
PS9303L PS9303L2	6-pin SDIP		1.27	5000	25	15	-40 to 110	4	15	0.6/0.6	0.55	UL, VDE (Option), CSA	Half size of 8-pin DIP Creepage distance: 8mm (L2) Totem pole output
PS9313L PS9313L2	6-pin SDIP		1.27	5000	35	15	-40 to 110	5	15	0.5/0.75 (RL = 20 kW)	0.65 (RL = 20 kW)	UL, VDE (Option), CSA, BSI,	Half size of 8-pin DIP Creepage distance: 8mm (L2) High operating ambient temperature (110°C)
PS9113	5-pin SOP		1.27	3750	35	15	-40 to 100	5	15	0.5/0.75 (RL = 20 kW)	0.65 (RL = 20 kW)	UL, VDE (Option), CSA	-

### IGBT-Drive Optocoupler

Part Number	Package	Pin Connections	Pin Pitch (mm)	Absolute Maximum Ratings				Electrical Characteristics				Safety Approvals	Features
				BV (V r.m.s.)	VCC (V)	IO (mA)	TA (°C)	I <sub>FHL</sub> (mA) MAX.	CMH, CML (kV/μs) MIN.	t <sub>FHL</sub> , t <sub>PLH</sub> (μs) MAX.	(t <sub>FHL</sub> -t <sub>PLH</sub> ) (μs) MAX.		
PS9505 PS9505L1 PS9505L2 PS9505L3	8-pin DIP		2.54	5000	35	2.5	-40 to 110	5	25	0.25/0.25 (RG = 10 W)	0.1 (RG = 10 W)	UL, VDE (option), CSA, SEMKO	Creepage distance: 8 mm (L1/L2) High output current: 2.0A (MIN.) UVLO protection
PS9506 PS9506L1 PS9506L2 PS9506L3	8-pin DIP		2.54	5000	35	0.6	-40 to 100	5	25	0.3/0.3 (RG = 47 W)	0.15 (RG = 47 W)	UL, VDE (option), CSA, SEMKO	Creepage distance: 8 mm (L1/L2) High output current: 0.4A (MIN.)
PS9305L	8-pin SDIP		1.27	5000	35	2.5	-40 to 110	5	25	0.25/0.25 (RG = 10 W)	0.1 (RG = 10 W)	UL, VDE (option), CSA, SEMKO	High output current: 2.0A (MIN.) UVLO protection
PS9306L PS9306L2	6-pin SDIP		1.27	5000	35	0.6	-40 to 110	5	25	0.3/0.3 (RG = 47 W)	0.15 (RG = 47 W)	UL, VDE (option), CSA, BSI	Half size of 8-pin DIP Creepage distance: 8 mm (L2) High output current: 0.4A (MIN.)
PS9402 *	16-pin SO-16		1.27	5000	33	2.5	-40 to 110	5	25	0.2/0.2 (RG = 10 W)	0.1 (RG = 10 W)	UL, VDE, CSA (under approval)	Creepage distance: 8 mm High output current: 2.0A (MIN.) UVLO protection Desaturation detection Miller clamping

\* preliminary information

# Short Main Crosslist Optocoupler

Company	Part Number	Equivalent Product
Avago	6N135	PS8501 or PS8501L3
Avago	6N136	PS8501 or PS8501L3
Avago	6N137	PS9587 or PS9587L3
Avago	ACPL-3130	PS9505
Avago	ACPL-332J	PS9402
Avago	ACPL-J313	PS9552-V
Avago	ACPL-M60L	PS9121
Avago	ACPL-P302	PS9306L
Avago	ACPL-P314	PS9306L
Avago	ACPL-P611	PS9317L
Avago	ACPL-T350	PS9505
Avago	ACPL-W302	PS9306L2
Avago	ACPL-W314	PS9306L2
Avago	ACPL-W611	PS9317L2
Avago	HCPL-0201	PS9817A-1
Avago	HCPL-0211	PS9817A-1
Avago	HCPL-0452	PS8802-1
Avago	HCPL-0453	PS8802-1
Avago	HCPL-0530	PS8802-2
Avago	HCPL-0531	PS8802-2
Avago	HCPL-0534	PS8802-2
Avago	HCPL-0600	PS9817A-1
Avago	HCPL-0601	PS9817A-1
Avago	HCPL-060L	PS9821-1
Avago	HCPL-0611	PS9817A-1
Avago	HCPL-0630	PS9817A-2
Avago	HCPL-0631	PS9817A-2
Avago	HCPL-063L	PS9821-2
Avago	HCPL-0661	PS9817A-2
Avago	HCPL-0700	PS8802-1
Avago	HCPL-0701	PS8802-1
Avago	HCPL-0708	PS9851-1
Avago	HCPL-0730	PS8802-2
Avago	HCPL-0731	PS8802-2
Avago	HCPL-0738	PS9851-2
Avago	HCPL-2502	PS8501 or PS8501L3
Avago	HCPL-2601	PS9587 or PS9587L3
Avago	HCPL-2611	PS9587 or PS9587L3
Avago	HCPL-3020	PS9506
Avago	HCPL-3120	PS9505
Avago	HCPL-3140	PS9506
Avago	HCPL-3150	PS9506
Avago	HCPL-316J	-
Avago	HCPL-4502	PS8502 or PS8502L3
Avago	HCPL-4503	PS8502 or PS8502L3
Avago	HCPL-4504	PS9513 or PS9513L3
Avago	HCPL-4506	PS9513 or PS9513L3
Avago	HCPL-7510	PS8551L4
Avago	HCPL-7520	PS8551L4
Avago	HCPL-7560	PS9551L4
Avago	HCPL-7800	PS8551L4
Avago	HCPL-7840	PS8551L4
Avago	HCPL-7860	PS9551L4
Avago	HCPL-786J	PS9451
Avago	HCPL-J312	PS9552-V
Avago	HCPL-J454	PS9513-V or PS9513L3-V
Avago	HCPL-J456	PS9513-V or PS9513L3-V
Avago	HCPL-M452	PS8101
Avago	HCPL-M453	PS8101
Avago	HCPL-M454	PS9113
Avago	HCPL-M456	PS9113
Avago	HCPL-M600	PS9117A
Avago	HCPL-M601	PS9117A
Avago	HCPL-M611	PS9117A
Avago	HCPL-M700	PS9113
Avago	HCPL-M701	PS9113
Avago	HCPL-T251	PS9506

Company	Part Number	Equivalent Product
Clare	CPC1230N	PS7241E-1A
Clare	CPC1030N	PS7241E-1A
Clare	CPC1035N	PS7241E-1A
Clare	CPC1225N	PS7241E-1A
Clare	CPC1002N	PS7206-1A
Clare	CPC1004N	PS7214-1A
Clare	CPC1008N	PS7214-1A
Clare	CPC1016N	PS7214-1A
Clare	CPC1018N	PS7206-1A
Clare	CPC1025N	PS7241E-1A
Clare	LCA100	PS7341-1A
Clare	LCA100S	PS7341L-1A
Clare	LCA110	PS7341-1A
Clare	LCA110S	PS7341L-1A
Clare	XCA170	PS7341-1A
Clare	XCA170S	PS7341L-1A
Clare	LCA120	PS7342-1A
Clare	LCA120S	PS7342L-1A
Clare	LCA125	PS7342-1A
Clare	LCA125S	PS7342L-1A
Clare	LCA126	PS7342-1A
Clare	LCA126S	PS7342L-1A
Clare	LCA127	PS7342-1A
Clare	LCA127S	PS7342L-1A
Clare	LCA129	PS7342-1A
Clare	LCA129S	PS7342L-1A
Clare	PLA110	PS7342-1A
Clare	PLA110S	PS7342L-1A
Cosmo	K1010A	PS2561A-1 or PS2561D-1
Cosmo	K1010B	PS2561A-1 or PS2561D-1
Cosmo	K1010C	PS2561-1
Cosmo	K1010D	PS2561-1
Cosmo	K1010E	PS2561A-1 or PS2561D-1
Cosmo	KP4010A	PS2535-1
Cosmo	KP4010C	PS2535-1
Cosmo	KP4010D	PS2533-1
Cosmo	KP4010E	PS2535-1
Cosmo	KPC354NT	PS2715-1
Cosmo	KPC355NT	PS2702-1
Cosmo	KPC357NT	PS2701A-1
Cosmo	KPC452	PS2733-1
Cosmo	KPC6N135	PS8501
Cosmo	KPC6N136	PS8501
Cosmo	KPC815	PS2535-1
Cosmo	KPS2801	PS2801C-1
Cosmo	KPS2802	PS2802-1
Cosmo	KPS2805	PS2805-1
Cosmo	KPS2832	PS2833-1

Fairchild	6N135	PS8501
Fairchild	6N136	PS8501
Fairchild	FOD053L	PS8821-2
Fairchild	FOD3181	PS9505
Fairchild	FOD617A	PS2561B-1 or PS2561D-1
Fairchild	FOD617B	PS2561B-1 or PS2561D-1
Fairchild	FOD617C	PS2561B-1 or PS2561D-1
Fairchild	FOD617D	PS2561B-1 or PS2561D-1
Fairchild	FOD817	PS2561B-1 or PS2561D-1
Fairchild	FOD817A	PS2561B-1 or PS2561D-1
Fairchild	FOD817B	PS2561B-1 or PS2561D-1
Fairchild	FOD817C	PS2561B-1 or PS2561D-1
Fairchild	FOD817D	PS2561B-1 or PS2561D-1
Fairchild	FOD852	PS2533-1
Fairchild	FODM2701	PS2761B-1
Fairchild	FODM2701A	PS2761B-1
Fairchild	FODM2701B	PS2761B-1

# Short Main Crosslist Optocoupler

Company	Part Number	Equivalent Product
Fairchild	FODM452	PS8101
Fairchild	FODM453	PS8101
Fairchild	H11A617A	PS2561A-1 or PS2561D-1
Fairchild	H11A617B	PS2561A-1 or PS2561D-1
Fairchild	H11A617C	PS2561A-1 or PS2561D-1
Fairchild	H11A617D	PS2561-1
Fairchild	H11A817	PS2561A-1 or PS2561D-1
Fairchild	H11A817A	PS2561A-1 or PS2561D-1
Fairchild	H11A817B	PS2561A-1 or PS2561D-1
Fairchild	H11A817C	PS2561-1
Fairchild	H11A817D	PS2561-1
Fairchild	H11B815	PS2502-1
Fairchild	HCPL-0452	PS8802-1
Fairchild	HCPL-0453	PS8802-1
Fairchild	HCPL-0530	PS8802-2
Fairchild	HCPL-0531	PS8802-2
Fairchild	HCPL-0534	PS8802-2
Fairchild	HCPL-062N	PS9821-2
Fairchild	HCPL-0637	PS9817A-2
Fairchild	HCPL-0638	PS9817A-2
Fairchild	HCPL-0639	PS9817A-2
Fairchild	HCPL-0708	PS9851-1
Fairchild	HCPL-0738	PS9851-2
Fairchild	HCPL-2502	PS8501
Fairchild	HCPL-2503	PS8501
Fairchild	HCPL-4502	PS8502
Fairchild	HCPL-500	PS8501
Fairchild	HCPL-501	PS8501
Fairchild	HMA121	PS2701A-1
Fairchild	HMA121A	PS2701A-1
Fairchild	HMA121B	PS2701A-1
Fairchild	HMA121C	PS2701A-1
Fairchild	HMA121D	PS2701A-1
Fairchild	HMA121E	PS2701A-1
Fairchild	HMA2701	PS2701A-1
Fairchild	HMA2701A	PS2701A-1
Fairchild	HMA2701B	PS2701A-1
Fairchild	HMA2705	PS2705A-1
Fairchild	HMAA2705	PS2705A-1 or PS2765-1
Fairchild	HMHA2801	PS2801C-1
Fairchild	HMHA2801A	PS2801C-1
Fairchild	HMHA2801B	PS2801C-1
Fairchild	HMHA2801C	PS2801C-1
Fairchild	HMHA281	PS2801C-1
Fairchild	HMHAA280	PS2805C-1
Fairchild	MCL2501	PS8501
Fairchild	MCL2502	PS8501
Fairchild	MCL2503	PS8501
Fairchild	MCL2601	PS9587

Matsushita Electric Works	AQW210S	PS7241-2A
Matsushita Electric Works	AQW214S	PS7241-2A
Matsushita Electric Works	AQY210S	PS7241E-1A
Matsushita Electric Works	AQY212S	PS7206-1A
Matsushita Electric Works	AQY214S	PS7241E-1A
Matsushita Electric Works	AQY221N1S	PS7200R-1A
Matsushita Electric Works	AQY221N2S	PS7200R-1A
Matsushita Electric Works	AQV101	PS710A-1A
Matsushita Electric Works	AQV102	PS710A-1A
Matsushita Electric Works	AQV104	PS7142-1A
Matsushita Electric Works	AQV201	PS710A-1A
Matsushita Electric Works	AQV202	PS710A-1A
Matsushita Electric Works	AQV203	PS7122A-1A
Matsushita Electric Works	AQV204	PS7142-1A
Matsushita Electric Works	AQV212	PS7113-1A
Matsushita Electric Works	AQV215	PS7113-1A
Matsushita Electric Works	AQV217	PS7122A-1A

Company	Part Number	Equivalent Product
Matsushita Electric Works	AQV210	PS7141E-1A
Matsushita Electric Works	AQV214	PS7141E-1A
Matsushita Electric Works	AQV216	PS7160-1A
Matsushita Electric Works	AQV210E	PS7141E-1A
Matsushita Electric Works	AQV214E	PS7141E-1A
Matsushita Electric Works	AQV252	PS7113-1A
Matsushita Electric Works	AQV255	PS7113-1A
Matsushita Electric Works	AQV257	PS7122A-1A
Matsushita Electric Works	AQV253	PS7122A-1A
Matsushita Electric Works	AQV254	PS7142-1A
Matsushita Electric Works	AQW212	PS7113-2A
Matsushita Electric Works	AQW215	PS7113-2A
Matsushita Electric Works	AQW217	PS7122A-2A
Matsushita Electric Works	AQW210	PS7141-2A
Matsushita Electric Works	AQW214	PS7141-2A
Matsushita Electric Works	AQW216	PS7160-2A
Matsushita Electric Works	AQW225N	PS7141-2A
Matsushita Electric Works	AQW223R2S	PS7221A-2A
Matsushita Electric Works	AQW227N	PS7141-2A
Matsushita Electric Works	AQW224N	PS7141-2A
Matsushita Electric Works	AQW254	PS7142-2A
Matsushita Electric Works	AQY225R1S	PS7214-1A
Matsushita Electric Works	AQV252G	PS710B-1A

Sharp	6N135	PS8501
Sharp	6N136	PS8501
Sharp	6N137	PS9587
Sharp	PC123	PS2561A-1 or PS2561D-1
Sharp	PC123A	PS2561A-1 or PS2561D-1
Sharp	PC123B	PS2561A-1 or PS2561D-1
Sharp	PC123C	PS2561-1
Sharp	PC123F	PS2581AL1
Sharp	PC123F1	PS2581AL1
Sharp	PC123F2	PS2581AL1
Sharp	PC123F5	PS2581L1
Sharp	PC123FP	PS2581AL2
Sharp	PC123FP1	PS2581AL2
Sharp	PC123FP2	PS2581AL2
Sharp	PC123FP5	PS2581L2
Sharp	PC123FP8	PS2581AL2
Sharp	PC123FS	PS2581AL1
Sharp	PC123FY	PS2581AL1
Sharp	PC123FY1	PS2581AL1
Sharp	PC123FY2	PS2581AL1
Sharp	PC123FY5	PS2581L1
Sharp	PC123FY8	PS2581AL1
Sharp	PC123P	PS2561A-1 or PS2561D-1
Sharp	PC123P1	PS2561A-1 or PS2561D-1
Sharp	PC123P2	PS2561A-1 or PS2561D-1
Sharp	PC123P5	PS2561L-1
Sharp	PC123PS	PS2561A-1 or PS2561D-1
Sharp	PC123PY	PS2561A-1-V or PS2561D-1-V
Sharp	PC123PY1	PS2561A-1-V or PS2561D-1-V
Sharp	PC123PY2	PS2561A-1-V or PS2561D-1-V
Sharp	PC123PY5	PS2561L-1-V
Sharp	PC123PY8	PS2561A-1-V or PS2561D-1-V
Sharp	PC123S	PS2561A-1 or PS2561D-1
Sharp	PC123Y	PS2561A-1-V or PS2561D-1-V
Sharp	PC123Y1	PS2561A-1-V or PS2561D-1-V
Sharp	PC123Y2	PS2561A-1-V or PS2561D-1-V
Sharp	PC123Y5	PS2561-1-V
Sharp	PC123Y8	PS2561A-1-V or PS2561D-1-V
Sharp	PC123ZY	PS2581AL2
Sharp	PC123ZY1	PS2581AL2
Sharp	PC123ZY2	PS2581AL2
Sharp	PC123ZY5	PS2581L2
Sharp	PC123ZY8	PS2581AL2

# Short Main Crosslist Optocoupler

Company	Part Number	Equivalent Product
Sharp	PC352	PS2701A-1
Sharp	PC354N1	PS2715-1
Sharp	PC354NJ	PS2715-1
Sharp	PC355NJ	PS2702-1
Sharp	PC356NJ	PS2711-1
Sharp	PC357NOT	PS2701A-1
Sharp	PC357N1T	PS2701A-1
Sharp	PC357N2T	PS2701A-1
Sharp	PC357N3T	PS2703-1
Sharp	PC357N4T	PS2711-1
Sharp	PC357N5T	PS2701A-1
Sharp	PC357N6T	PS2701A-1
Sharp	PC357N7T	PS2703-1
Sharp	PC357N8T	PS2701A-1
Sharp	PC357N9T	PS2701A-1
Sharp	PC357NT	PS2701A-1
Sharp	PC358	PS2703-1
Sharp	PC365N	PS2702-1 or PS2706-1
Sharp	PC367N1	PS2711-1
Sharp	PC367N2	PS2711-1
Sharp	PC367NJ	PS2711-1
Sharp	PC3H4	PS2815-1
Sharp	PC3H410NIP	PS2815-1
Sharp	PC3H411NIP	PS2815-1
Sharp	PC3H7	PS2811-1 or PS2801C-1
Sharp	PC3H710NIP	PS2811-1
Sharp	PC3H711NIP	PS2811-1
Sharp	PC3H712NIP	PS2811-1
Sharp	PC3H715NIP	PS2811-1
Sharp	PC3Q64	PS2815-4
Sharp	PC3Q64Q	PS2815-4
Sharp	PC3Q65	PS2802-4
Sharp	PC3Q66Q	PS2811-4
Sharp	PC3Q67Q	PS2801C-4
Sharp	PC410	PS9117A
Sharp	PC410LONIP	PS9117A
Sharp	PC411L	PS9151
Sharp	PC417	PS8101
Sharp	PC452	PS2733-1
Sharp	PC457LONIP	PS8101
Sharp	PC457S	PS8802-1
Sharp	PC4D10S	PS9817A-2
Sharp	PC812	PS2501A-1
Sharp	PC812A	PS2501A-1
Sharp	PC812B	PS2501A-1
Sharp	PC812C	PS2501A-1
Sharp	PC814X	PS2505-1
Sharp	PC814X1	PS2505-1
Sharp	PC815	PS2502-1
Sharp	PC816	PS2501A-1
Sharp	PC816A	PS2501A-1
Sharp	PC816AB	PS2501A-1
Sharp	PC816AC	PS2501A-1
Sharp	PC816AD	PS2501A-1
Sharp	PC816B	PS2501A-1
Sharp	PC816BC	PS2501A-1
Sharp	PC816BD	PS2501A-1
Sharp	PC816C	PS2501A-1
Sharp	PC816CD	PS2501A-1
Sharp	PC816D	PS2501-1
Sharp	PC817X	PS2501A-1
Sharp	PC817X0	PS2501A-1
Sharp	PC817X1	PS2501A-1
Sharp	PC817X2	PS2501A-1
Sharp	PC817X3	PS2501A-1
Sharp	PC817X4	PS2501-1
Sharp	PC817X5	PS2501A-1
Sharp	PC817X6	PS2501A-1

Company	Part Number	Equivalent Product
Sharp	PC817X7	PS2501A-1
Sharp	PC817X8	PS2501A-1
Sharp	PC817X9	PS2501A-1
Sharp	PC817XF	PS2561AL1-1 or PS2561DL1-1
Sharp	PC817XF0	PS2561AL1-1 or PS2561DL1-1
Sharp	PC817XF1	PS2561AL1-1 or PS2561DL1-1
Sharp	PC817XF2	PS2561AL1-1 or PS2561DL1-1
Sharp	PC817XF3	PS2561AL1-1 or PS2561DL1-1
Sharp	PC817XF5	PS2561AL1-1 or PS2561DL1-1
Sharp	PC817XF6	PS2561AL1-1 or PS2561DL1-1
Sharp	PC817XF7	PS2561L1-1
Sharp	PC817XF8	PS2561AL1-1 or PS2561DL1-1
Sharp	PC817XF9	PS2561AL1-1 or PS2561DL1-1
Sharp	PC817XFP	PS2561AL2-1 or PS2561DL2-1
Sharp	PC817XI	PS2501AL-1
Sharp	PC817XI0	PS2501AL-1
Sharp	PC817XI1	PS2501AL-1
Sharp	PC817XI2	PS2501AL-1
Sharp	PC817XI3	PS2501AL-1
Sharp	PC817XI4	PS2501L-1
Sharp	PC817XI5	PS2501AL-1
Sharp	PC817XI6	PS2501AL-1
Sharp	PC817XI7	PS2501AL-1
Sharp	PC817XI8	PS2501AL-1
Sharp	PC817XI9	PS2501AL-1
Sharp	PC817XP	PS2501AL-1
Sharp	PC817XP0	PS2501AL-1
Sharp	PC817XP1	PS2501AL-1
Sharp	PC817XP2	PS2501AL-1
Sharp	PC817XP3	PS2501AL-1
Sharp	PC817XP4	PS2501L-1
Sharp	PC817XP5	PS2501AL-1
Sharp	PC817XP6	PS2501AL-1
Sharp	PC817XP7	PS2501AL-1
Sharp	PC817XP8	PS2501AL-1
Sharp	PC817XP9	PS2501AL-1
Sharp	PC826	PS2501-1
Sharp	PC845	PS2502-4
Sharp	PC846	PS2501-4
Sharp	PC847	PS2501-4
Sharp	PC847AB	PS2501-4
Sharp	PC847AC	PS2501-4
Sharp	PC847AD	PS2501-4
Sharp	PC847BC	PS2501-4
Sharp	PC847BD	PS2501-4
Sharp	PC847CD	PS2501-4
Sharp	PC852	PS2535-1
Sharp	PC852X	PS2533-1 or PS2535-1
Sharp	PC853	PS2535-1
Sharp	PC853H	PS2535-1
Sharp	PC853X	PS2533-1 or PS2535-1
Sharp	PC865	PS2533-1 or PS2535-1
Sharp	PC910X	PS9587
Sharp	PC917X	PS8502
Sharp	PC918X	PS8501
Sharp	PC922	PS9505
Sharp	PC925L	PS9505
Sharp	PC957LONSZ	PS8502
Sharp	PH3H5	PS2802-1
Sharp	PH4H520NIP	PS2833-1
Toshiba	TLP102	PS9113
Toshiba	TLP112	PS8101
Toshiba	TLP112A	PS8101
Toshiba	TLP113	PS9117A
Toshiba	TLP114A	PS8101
Toshiba	TLP115	PS9117A
Toshiba	TLP115A	PS9117A

# Short Main Crosslist Optocoupler

Company	Part Number	Equivalent Product
Toshiba	TLP116	PS9115
Toshiba	TLP120	PS2705A-1
Toshiba	TLP121	PS2701A-1
Toshiba	TLP121(GB)	PS2701A-1
Toshiba	TLP121(GR)	PS2701A-1
Toshiba	TLP121(Y)	PS2701A-1
Toshiba	TLP121-4	PS2701A-1
Toshiba	TLP127	PS2733-1
Toshiba	TLP172A	PS7206-1A
Toshiba	TLP172G	PS7241E-1A
Toshiba	TLP176A	PS7206-1A
Toshiba	TLP176G	PS7241E-1A
Toshiba	TLP176GA	PS7241E-1A
Toshiba	TLP179D	PS7241E-1A
Toshiba	TLP180	PS2705A-1
Toshiba	TLP180(GB)	PS2705A-1
Toshiba	TLP180(T)	PS2705A-1
Toshiba	TLP181	PS2701A-1
Toshiba	TLP181(BL)	PS2703-1
Toshiba	TLP181(GB)	PS2701A-1
Toshiba	TLP181(GR)	PS2701A-1
Toshiba	TLP181(T)	PS2701A-1
Toshiba	TLP181(Y)	PS2701A-1
Toshiba	TLP202G	PS7241-2A
Toshiba	TLP206G	PS7241-2A
Toshiba	TLP206GA	PS7241-2A
Toshiba	TLP250	PS9505
Toshiba	TLP250(INV)	PS9505
Toshiba	TLP250F	PS9552L1
Toshiba	TLP250F(INV)	PS9552L1
Toshiba	TLP280	PS2805C-1
Toshiba	TLP280(GB)	PS2805C-1
Toshiba	TLP280-4	PS2805C-4
Toshiba	TLP280-4(GB)	PS2805C-4
Toshiba	TLP281	PS2801C-1
Toshiba	TLP281(GB)	PS2801C-1
Toshiba	TLP281-4	PS2801C-4
Toshiba	TLP281-4(GB)	PS2801C-4
Toshiba	TLP320	PS2525-1
Toshiba	TLP321	PS2501A-1 or PS2561D-1
Toshiba	TLP321(BL)	PS2501A-1 or PS2561D-1
Toshiba	TLP321(GB)	PS2501A-1 or PS2561D-1
Toshiba	TLP321(GR)	PS2501A-1 or PS2561D-1
Toshiba	TLP321(Y)	PS2501A-1 or PS2561D-1
Toshiba	TLP321-4	PS2501-4
Toshiba	TLP321-4(GB)	PS2501-4
Toshiba	TLP350	PS9505
Toshiba	TLP350F	PS9505L1
Toshiba	TLP351	PS9506
Toshiba	TLP421	PS2501A-1 or PS2561D-1
Toshiba	TLP421(BL)	PS2561-1
Toshiba	TLP421(GB)	PS2501A-1 or PS2561D-1
Toshiba	TLP421(GR)	PS2501A-1 or PS2561D-1
Toshiba	TLP421(Y)	PS2501A-1 or PS2561D-1
Toshiba	TLP421F	PS2581AL1
Toshiba	TLP421F(BL)	PS2581L1
Toshiba	TLP421F(GB)	PS2581AL1
Toshiba	TLP421F(GR)	PS2581AL1
Toshiba	TLP421F(Y)	PS2581AL1
Toshiba	TLP521-1	PS2501A-1
Toshiba	TLP521-1(BL)	PS2501A-1
Toshiba	TLP521-1(GB)	PS2501A-1
Toshiba	TLP521-1(GR)	PS2501A-1
Toshiba	TLP521-1(T)	PS2501A-1
Toshiba	TLP521-1(Y)	PS2501A-1
Toshiba	TLP521-4	PS2501-4
Toshiba	TLP521-4(GB)	PS2501-4
Toshiba	TLP523	PS2533-1 or PS2535-1

Company	Part Number	Equivalent Product
Toshiba	TLP550	PS8502
Toshiba	TLP551	PS8501
Toshiba	TLP559	PS8502
Toshiba	TLP559(IGM)	PS9513
Toshiba	TLP620	PS2565-1
Toshiba	TLP620(GB)	PS2565-1
Toshiba	TLP620(T)	PS2565-1
Toshiba	TLP620F	PS2565L1-1
Toshiba	TLP621	PS2501A-1 or PS2561D-1
Toshiba	TLP621(BL)	PS2561-1
Toshiba	TLP621(GB)	PS2501A-1 or PS2561D-1
Toshiba	TLP621(GR)	PS2501A-1 or PS2561D-1
Toshiba	TLP621(T)	PS2501A-1 or PS2561D-1
Toshiba	TLP621(Y)	PS2501A-1 or PS2561D-1
Toshiba	TLP627	PS2535-1 or PS2533-1
Toshiba	TLP627(T)	PS2535-1
Toshiba	TLP627A	PS2535-1
Toshiba	TLP629	PS2521-1
Toshiba	TLP651	PS8501
Toshiba	TLP701	PS9306
Toshiba	TLP705	PS9306
Toshiba	TLP706	PS9303
Toshiba	TLP721	PS2501A-1 or PS2561D-1
Toshiba	TLP721(BL)	PS2561-1
Toshiba	TLP721(GB)	PS2501A-1 or PS2561D-1
Toshiba	TLP721(GR)	PS2501A-1 or PS2561D-1
Toshiba	TLP721(Y)	PS2501A-1 or PS2561D-1
Toshiba	TLP721F	PS2581AL1
Toshiba	TLP721F(GB)	PS2581AL1
Toshiba	TLP750	PS8502
Toshiba	TLP750F	PS8502L1
Toshiba	TLP751	PS8501
Toshiba	TLP751F	PS8501L1
Toshiba	TLP759	PS8502
Toshiba	TLP759(IGM)	PS9513
Toshiba	TLP759F	PS8502L1
Toshiba	TLP759F(IGM)	PS9513L1

Vishay	6N135	PS8501 or PS8501L3
Vishay	6N135-3054	PS8501
Vishay	6N136	PS8501 or PS8501L1 or PS8501L3
Vishay	6N136-3055	PS8501
Vishay	K814P	PS2565-1
Vishay	K815P	PS2562-1
Vishay	K817P	PS2561A-1 or PS2561D-1
Vishay	K817P1	PS2561A-1 or PS2561D-1
Vishay	K817P2	PS2561A-1 or PS2561D-1
Vishay	K817P3	PS2561A-1 or PS2561D-1
Vishay	K817P4	PS2561A-1 or PS2561D-1
Vishay	K817P5	PS2561A-1 or PS2561D-1
Vishay	K817P6	PS2561A-1 or PS2561D-1
Vishay	K817P7	PS2561A-1 or PS2561D-1
Vishay	K817P8	PS2561A-1 or PS2561D-1
Vishay	K817P9	PS2561-1
Vishay	SFH1617A-1	PS2561B-1 or PS2561D-1
Vishay	SFH1617A-2	PS2561B-1 or PS2561D-1
Vishay	SFH1617A-3	PS2561B-1 or PS2561D-1
Vishay	SFH1617A-4	PS2561B-1 or PS2561D-1
Vishay	SFH1690ABT	PS2761B-1
Vishay	SFH1690AT	PS2761B-1
Vishay	SFH1690BT	PS2761B-1
Vishay	SFH1690CT	PS2761B-1
Vishay	SFH612A	PS2562-1
Vishay	SFH6135	PS8501
Vishay	SFH6136	PS8501
Vishay	SFH615-1	PS2561A-1 or PS2561D-1
Vishay	SFH615-2	PS2561A-1 or PS2561D-1
Vishay	SFH615-3	PS2561A-1 or PS2561D-1

# Short Main Crosslist Optocoupler

Company	Part Number	Equivalent Product
Vishay	SFH615-4	PS2561-1
Vishay	SFH6156-1	PS2561AL-1 or PS2561DL-1
Vishay	SFH6156-2	PS2561AL-1 or PS2561DL-1
Vishay	SFH6156-3	PS2561AL-1 or PS2561DL-1
Vishay	SFH6156-4	PS2561L-1
Vishay	SFH615A-1	PS2561D-1 or PS2561DL-1
Vishay	SFH615A-2	PS2561D-1 or PS2561DL-1
Vishay	SFH615A-3	PS2561D-1 or PS2561DL-1
Vishay	SFH615A-4	PS2561D-1 or PS2561DL-1
Vishay	SFH615AA	PS2561D-1 or PS2561DL1
Vishay	SFH615AB	PS2561D-1 or PS2561DL1
Vishay	SFH615ABL	PS2561-1 or PS2581L1
Vishay	SFH615ABM	PS2561-1 or PS2581L1
Vishay	SFH615AGB	PS2561D-1 or PS2561DL1
Vishay	SFH615AGR	PS2561D-1 or PS2561DL1
Vishay	SFH615AY	PS2561D-1 or PS2561DL1
Vishay	SFH617A-1	PS2561D-1 or PS2561DL1
Vishay	SFH617A-2	PS2561D-1 or PS2561DL1
Vishay	SFH617A-3	PS2561D-1 or PS2561DL1
Vishay	SFH617A-4	PS2561D-1 or PS2561DL1
Vishay	SFH617G-1	PS2581AL1
Vishay	SFH617G-2	PS2581AL1
Vishay	SFH617G-3	PS2581AL1
Vishay	SFH617G-4	PS2581L1
Vishay	SFH6186-2	PS2503L-1
Vishay	SFH6186-3	PS2503L-1
Vishay	SFH6186-4	PS2503L-1
Vishay	SFH6186-5	PS2503L-1
Vishay	SFH619A	PS2535-1 or PS2535L-1
Vishay	SFH620-1	PS2565-1
Vishay	SFH620-2	PS2565-1
Vishay	SFH620-3	PS2565-1
Vishay	SFH6206-1	PS2565L-1
Vishay	SFH6206-2	PS2565L-1
Vishay	SFH6206-3	PS2565L-1
Vishay	SFH620AA	PS2565-1 or PS2565L-1
Vishay	SFH620AGB	PS2565-1 or PS2565L-1
Vishay	SFH6286-2	PS2565L-1
Vishay	SFH6286-3	PS2565L-1
Vishay	SFH6286-4	PS2565L-1
Vishay	SFH6343T	PS8802-1
Vishay	SFH6345	PS8502 or PS8502L1 or PS8502L3
Vishay	SFH655A	PS2562-1 or PS2562L-1
Vishay	SFH6755T	PS9817A-2
Vishay	SFH6756T	PS9817A-2
Vishay	SFH6757T	PS9817A-2
Vishay	SFH690ABT	PS2701A-1
Vishay	SFH690AT	PS2701A-1
Vishay	SFH690BT	PS2701A-1
Vishay	SFH690CT	PS2701A-1
Vishay	SFH690DT	PS2701A-1
Vishay	SFH6916	PS2801C-4
Vishay	SFH691AT	PS2705A-1 or PS2765-1
Vishay	SFH692AT	PS2733-1
Vishay	TCED1100	PS2562-1
Vishay	TCED1100G	PS2562L1-1
Vishay	TCET1100	PS2561A-1 or PS2561D-1
Vishay	TCET1100G	PS2581AL1
Vishay	TCET1101	PS2561A-1 or PS2561D-1
Vishay	TCET1101G	PS2581AL1
Vishay	TCET1102	PS2561A-1 or PS2561D-1
Vishay	TCET1102G	PS2581AL1
Vishay	TCET1103	PS2561A-1 or PS2561D-1
Vishay	TCET1103G	PS2581AL1
Vishay	TCET1104	PS2561-1
Vishay	TCET1104G	PS2581L1
Vishay	TCET1105	PS2561A-1 or PS2561D-1
Vishay	TCET1105G	PS2581AL1

Company	Part Number	Equivalent Product
Vishay	TCET1106	PS2561A-1 or PS2561D-1
Vishay	TCET1106G	PS2581AL1
Vishay	TCET1107	PS2561A-1 or PS2561D-1
Vishay	TCET1107G	PS2581AL1
Vishay	TCET1108	PS2561A-1 or PS2561D-1
Vishay	TCET1108G	PS2581AL1
Vishay	TCET1109	PS2561-1
Vishay	TCET1109G	PS2581L1
Vishay	TCET1110	PS2561B-1 or PS2561D-1
Vishay	TCET1110G	PS2561BL1-1 or PS2561DL1-1
Vishay	TCET1111	PS2561B-1 or PS2561D-1
Vishay	TCET1111G	PS2561BL1-1 or PS2561DL1-1
Vishay	TCET1112	PS2561B-1 or PS2561D-1
Vishay	TCET1112G	PS2561BL1-1 or PS2561DL1-1
Vishay	TCET1113	PS2561B-1 or PS2561D-1
Vishay	TCET1113G	PS2561BL1-1 or PS2561DL1-1
Vishay	TCET1114	PS2561B-1 or PS2561D-1
Vishay	TCET1114G	PS2561BL1-1 or PS2561DL1-1
Vishay	TCET1115	PS2561B-1 or PS2561D-1
Vishay	TCET1115G	PS2561BL1-1 or PS2561DL1-1
Vishay	TCET1116	PS2561B-1 or PS2561D-1
Vishay	TCET1116G	PS2561BL1-1 or PS2561DL1-1
Vishay	TCET1117	PS2561B-1 or PS2561D-1
Vishay	TCET1117G	PS2561BL1-1 or PS2561DL1-1
Vishay	TCET1118	PS2561B-1 or PS2561D-1
Vishay	TCET1118G	PS2561BL1-1 or PS2561DL1-1
Vishay	TCET1119	PS2561B-1 or PS2561D-1
Vishay	TCET1119G	PS2561BL1-1 or PS2561DL1-1
Vishay	TCET1600	PS2565-1
Vishay	TCLT1100	PS2381-1
Vishay	TCLT1101	PS2381-1
Vishay	TCLT1102	PS2381-1
Vishay	TCLT1103	PS2381-1
Vishay	TCLT1104	PS2381-1
Vishay	TCLT1105	PS2381-1
Vishay	TCLT1106	PS2381-1
Vishay	TCLT1107	PS2381-1
Vishay	TCLT1108	PS2381-1
Vishay	TCLT1109	PS2381-1
Vishay	TCLT1110	PS2381-1
Vishay	TCLT1111	PS2381-1
Vishay	TCLT1112	PS2381-1
Vishay	TCLT1113	PS2381-1
Vishay	TCLT1114	PS2381-1
Vishay	TCLT1115	PS2381-1
Vishay	TCLT1116	PS2381-1
Vishay	TCLT1117	PS2381-1
Vishay	TCLT1118	PS2381-1
Vishay	TCLT1119	PS2381-1
Vishay	TCMD1000	PS2802-1
Vishay	TCMD4000	PS2802-4
Vishay	TCMT1100	PS2801C-1
Vishay	TCMT1101	PS2801C-1
Vishay	TCMT1102	PS2801C-1
Vishay	TCMT1103	PS2801C-1
Vishay	TCMT1104	PS2801C-1
Vishay	TCMT1105	PS2801C-1
Vishay	TCMT1106	PS2801C-1
Vishay	TCMT1107	PS2801C-1
Vishay	TCMT1108	PS2801C-1
Vishay	TCMT1109	PS2801C-1
Vishay	TCMT1600	PS2805-1 or PS2805C-1
Vishay	TCMT4100	PS2801C-4
Vishay	TCMT4600	PS2805-4 or PS2805C-4
Vishay	VO0630T	PS9817A-2
Vishay	VO0631T	PS9817A-2
Vishay	VO0661T	PS9817A-2



