

Opto-isolateurs de sortie de phototransistor



Fig.	Tension d'isolement	CTR (typique)	VCEO (max.)	Ipassant/bloqué (ps) (typ.)	Boîtier	N° de référence Digi-Key	Prix unitaire			N° de référence Digi-Key	Bande et bobine	
							1	10	100		Qté	Prix
1	5000	80 - 600%	80	3/5	DIP	PS2501-1A-ND◆	.36	.30	.26	—	—	—
	5000	80 - 160%	80	3/5	DIP	PS2501-1-H-A-ND◆	.30	.26	.22	—	—	—
	5000	200 - 400%	80	3/5	DIP	PS2501-1-L-A-ND◆	.30	.26	.22	—	—	—
	5000	50 - 400%	70	5/7	DIP	PS2501A-1-A-ND◆	.25	.21	.18	—	—	—
	5000	50 - 400%	70	5/7	SMT	PS2501AL-1-ND◆	.30	.26	.22	PS2501AL-1TR-ND◆	1,000	177.87
	5000	80 - 600%	80	3/5	SMT	PS2501L-1A-ND◆	.43	.36	.31	—	—	—
	5000	80 - 160%	80	3/5	SMT	PS2501L-1-H-A-ND◆	.42	.35	.29	—	—	—
	5000	50 - 200%	120	5/25	DIP	PS2513-1-A-ND◆	.60	.50	.43	—	—	—
	5000	20 - 80%	80	3/5	DIP	PS2521-1-A-ND◆	.92	.78	.66	—	—	—
	5000	20 - 80%	80	3/5	SMT	PS2521L-1CT-ND◆	1.02	.85	.72	PS2521L-1TR-ND◆	1,000	508.20
	5000	80 - 400%	80	3/5	DIP	PS2561-1A-ND◆	.48	.41	.34	—	—	—
	5000	80 - 400%	80	3/5	DIP	PS2561-1-VA-ND◆	.48	.41	.34	—	—	—
	5000	50 - 300%	70	5/7	DIP	PS2561A-1-A-ND◆	.23	.20	.17	—	—	—
	5000	80 - 160%	70	5/7	SMT	PS2561AL-1-H-A-ND◆	.26	.22	.19	—	—	—
	5000	50 - 300%	70	5/7	SMT	PS2561AL-1CT-ND◆	.28	.24	.20	PS2561AL-1TR-ND◆	2,000	139.76/M
	5000	50 - 400%	80	3/5	DIP	PS2561B-1-A-ND◆	.49	.41	.35	—	—	—
	5000	80 - 400%	80	3/5	SMT	PS2561L-1A-ND◆	.53	.45	.38	—	—	—
	5000	80 - 160%	80	3/5	SMT	PS2561L-1-H-A-ND◆	.43	.36	.31	—	—	—
	5000	80 - 400%	80	3/5	SMT	PS2561L-1-VA-ND◆	.53	.45	.38	—	—	—
	5000	80 - 400%	80	3/5	DIP	PS2561L1-1-VA-ND◆	.53	.45	.38	—	—	—
5000	200%	80	3/5	SMT	PS2561L2-1-V-A-ND◆	.53	.45	.38	—	—	—	
5000	80 - 160%	80	3/5	DIP	PS2581L1-H-A-ND◆	.42	.35	.30	—	—	—	
3750	50 - 300%	40	3/5	SOP	PS2701-1A-ND◆	.47	.40	.34	PS2701-1ATR-ND◆	3,500	172.79/M	
3750	150 - 300%	40	3/5	SOP	PS2701-1-P-A-ND◆	.40	.34	.29	—	—	—	
3750	50 - 300%	70	5/7	SOP	PS2701A-1-ND◆	.36	.30	.26	PS2701A-1TR-ND◆	3,500	153.74/M	
3750	150 - 300%	70	5/7	SOP	PS2701A-1-P-A-ND◆	.36	.30	.26	—	—	—	
3750	50 - 400%	120	10/10	SOP	PS2703-1A-ND◆	.56	.47	.40	PS2703-1ATR-ND◆	3,500	238.86/M	
3750	200 - 400%	120	10/10	SOP	PS2703-1-K-A-ND◆	.50	.42	.36	—	—	—	
3750	50 - 150%	120	10/10	SOP	PS2703-1-M-A-ND◆	.50	.42	.36	—	—	—	
3750	100 - 200%	40	4/5	SOP	PS2711-1-M-A-ND◆	.53	.44	.38	—	—	—	
3750	50 - 400%	40	4/5	SOP	PS2761-1ACT-ND◆	.63	.52	.44	PS2761-1ATR-ND◆	3,500	311.28/M	
2500	80 - 600%	80	3/5	SSOP	PS2801-1ACT-ND◆	.64	.53	.45	PS2801-1ATR-ND◆	3,500	317.63/M	
2500	100 - 300%	80	3/5	SOP	PS2801-1-L-A-ND◆	.53	.45	.38	—	—	—	
2500	50 - 400%	70	5/7	SSOP	PS2801A-1-ND◆	.53	.45	.38	PS2801A-1TR-ND◆	3,500	266.81/M	
2500	100 - 400%	40	4/5	SSOP	PS2811-1ACT-ND◆	.60	.51	.43	PS2811-1ATR-ND◆	3,500	302.38/M	
2500	100 - 400%	40	4/5	Mini-Flat	PS2911-1ACT-ND◆	.97	.81	.68	PS2911-1ATR-ND◆	3,500	482.80/M	
2500	200%	40	40/120	Mini-Flat	PS2911-1-K-A-ND◆	1.02	.85	.72	—	—	—	
2500	100 - 200%	40	4/5	Mini-Flat	PS2911-1-M-A-ND◆	1.02	.85	.72	—	—	—	
2500	50 - 100%	120	5/50	Mini-Flat	PS2913-1-ND◆	1.18	.99	.83	PS2913-1TR-ND◆	3,500	560.30/M	
2500	50 - 100%	120	5/50	Mini-Flat	PS2913-1-M-A-ND◆	1.18	.99	.83	—	—	—	
2	5000	80 - 600%	80	3/5	DIP	PS2501-2A-ND◆	.96	.80	.68	—	—	—
	5000	80 - 600%	80	3/5	SMT	PS2501L-2A-ND◆	1.04	.87	.74	—	—	—
	3750	50 - 400%	120	10/10	SOP	PS2703-2-ND◆	1.22	1.02	.86	—	—	—
3	5000	80 - 600%	80	3/5	DIP	PS2501-4A-ND◆	1.65	1.38	1.17	—	—	—
	5000	80 - 600%	80	3/5	SMT	PS2501L-4A-ND◆	1.73	1.44	1.22	—	—	—
	2500	80 - 600%	80	3/5	SSOP	PS2801-4A-ND◆	2.63	2.37	2.02	PS2801-4ATR-ND◆	2,500	1266.27/M
	2500	100 - 400%	40	4/5	SSOP	PS2811-4A-ND◆	2.67	2.41	2.05	PS2811-4ATR-ND◆	2,500	1365.37/M
4	5000	200 - 2000%	40	100/100	DIP	PS2502-1A-ND◆	.63	.52	.44	—	—	—
	5000	200 - 2000%	40	100/100	DIP	PS2562-1-A-ND◆	.86	.72	.61	—	—	—
	5000	200 - 2000%	40	100/100	SMT	PS2562L-1-ND◆	.75	.63	.53	PS2562L-1TR-ND◆	2,000	374.80/M
	3750	200 - 2000%	40	200/200	SOP	PS2702-1A-ND◆	.65	.55	.46	PS2702-1ATR-ND◆	3,500	381.16/M
2500	200 - 2000%	40	200/200	SSOP	PS2802-1ACT-ND◆	.92	.77	.65	PS2802-1ATR-ND◆	3,500	461.20/M	
5	5000	200 - 2000%	40	100/100	DIP	PS2502-2A-ND◆	1.50	1.25	1.06	—	—	—
	5000	200 - 2000%	40	100/100	DIP	PS2502-4A-ND◆	2.33	2.10	1.79	—	—	—
6	2500	200 - 2000%	40	200/200	SSOP	PS2802-4A-ND◆	3.33	3.00	2.55	PS2802-4ATR-ND◆	2,500	1222.22/M
	5000	100 - 400%	40	20/30	DIP	PS2503-1-A-ND◆	.79	.66	.56	—	—	—
7	5000	100 - 400%	40	20/30	SMT	PS2503L-1A-ND◆	.84	.70	.60	PS2503L-1ATR-ND◆	1,000	419.27
	2500	50 - 400%	40	4/5	SSOP	PS2865-1A-ND◆	.80	.68	.57	PS2865-1ATR-ND◆	3,500	377.34/M
8	5000	100 - 400%	40	20/30	DIP	PS2503-2-A-ND◆	1.58	1.33	1.12	—	—	—
	5000	100 - 400%	40	20/30	SMT	PS2503L-2-A-ND◆	1.63	1.36	1.15	—	—	—
9	5000	100 - 400%	40	20/30	DIP	PS2503-4-A-ND◆	2.41	2.18	1.86	—	—	—
	5000	100 - 400%	40	20/30	SMT	PS2503L-4-A-ND◆	2.46	2.22	1.89	—	—	—
10	5000	80 - 600%	80	3/5	DIP	PS2505-1A-ND◆	.36	.31	.26	—	—	—
	5000	80 - 600%	80	3/5	SMT	PS2505L-1A-ND◆	.51	.43	.36	—	—	—
	5000	20 - 80%	80	3/5	DIP	PS2525-1-A-ND◆	1.11	.93	.79	—	—	—
	5000	80 - 400%	80	3/5	DIP	PS2565-1A-ND◆	.58	.49	.42	—	—	—
	5000	80 - 400%	80	3/5	DIP	PS2565-1-VA-ND◆	.58	.49	.42	—	—	—
	5000	80 - 400%	80	3/5	SMT	PS2565L-1A-ND◆	.61	.51	.43	—	—	—
	5000	80 - 400%	80	3/5	SMT	PS2565L-1-VA-ND◆	.61	.51	.43	—	—	—
	3750	50 - 300%	40	3/5	SOP	PS2705-1A-ND◆	.58	.49	.42	PS2705-1ATR-ND◆	3,500	292.22/M
	3750	50 - 300%	70	5/7	SOP	PS2705A-1-ND◆	.38	.32	.27	PS2705A-1TR-ND◆	3,500	165.17/M
	3750	50 - 400%	40	4/5	SOP	PS2765-1A-ND◆	.75	.63	.54	PS2765-1ATR-ND◆	3,500	341.77/M
2500	80 - 600%	80	3/5	SSOP	PS2805-1ACT-ND◆	.77	.65	.55	PS2805-1ATR-ND◆	3,500	384.97/M	
2500	50 - 400%	70	5/7	SSOP	PS2805A-1-ND◆	.64	.53	.45	PS2805A-1TR-ND◆	3,500	317.63/M	
2500	100 - 400%	40	4/5	Mini-Flat	PS2915-1CT-ND◆	1.01	.84	.71	PS2915-1TR-ND◆	3,500	571.73/M	
2500	100 - 400%	40	4/5	Mini-Flat	PS2915-1ACT-ND◆	1.29	1.08	.91	PS2915-1ATR-ND◆	3,500	644.15/M	
11	5000	80 - 600%	80	3/5	DIP	PS2505-2A-ND◆	1.19	.99	.84	—	—	—
	5000	80 - 600%	80	3/5	SMT	PS2505L-2A-ND◆	1.34	1.12	.95	—	—	—
12	5000	80 - 600%	80	3/5	DIP	PS2505-4A-ND◆	2.29	1.91	1.61	—	—	—
	5000	80 - 600%	80	3/5	SMT	PS2505L-4A-ND◆	1.80	1.62	1.38	—	—	—
	2500	80 - 600%	80	3/5	SSOP	PS2805-4A-ND◆	4.22	3.80	3.24	—	—	—
	2500	50 - 400%	70	5/7	SSOP	PS2805A-4-A-ND◆	2.86	2.58	2.20	—	—	—
	2500	100 - 400%	40	4/5	SSOP	PS2815-4A-ND◆	2.86	2.58	2.20	PS2815-4ATR-ND◆	2,500	1464.47/M
13	5000	200 - 2000%	40	100/100	DIP	PS2506-1A-ND◆	.84	.70	.59	—	—	—
	5000	200 - 2000%	40	100/100	DIP	PS2566-1-A-ND◆	.86	.72	.61	—	—	—
	5000	200 - 2000%	40	100/100	SMT	PS2566L-1-ND◆	.91	.76	.64	PS2566L-1TR-ND◆	2,000	423.08/M
	3750	200 - 2000%	40	200/200	SOP	PS2706-1-ND◆	.89	.75	.63	PS2706-1TR-ND◆	3,500	387.51/M
	2500	200 - 2000%	40	200/200	SOP	PS2806-1ACT-ND◆	1.15	.96	.81	PS2806-1ATR-ND◆	3,500	575.54/M
14	5000	200 - 2000%	40	100/100	DIP	PS2506-2A-ND◆	1.67	1.40	1.18	—	—	—
	5000	200 - 2000%	40	100/100	DIP	PS2506-4A-ND◆	2.86	2.58	2.20	—	—	—
	2500	200 - 2000%	40	200/200	SSOP	PS2806-4-ND◆	5.23	4.71	4.01	—	—	—
2500	200 - 2000%	40	200/200	SSOP	PS2806-4A-ND◆	5.23	4.71	4.01	PS2806-4ATR-ND◆	2,500	2499.50/M	
16	5000	1500 - 6500%	300	100/100	DIP	PS2532-1A-ND◆	.83	.70	.59	—	—	—
	5000	1500 - 6500%										

Opto-isolateur de sortie de diode à haute linéarité (montage en surface)



Fig.	Tension d'isolement	Gain de transfert (K2/K1)	Linéarité du gain de transfert Δ (K2/K1) (pour V c.c.=15 V, I _L =2-10 mA)	N° de référence Digi-Key	Prix unitaire		
					1	10	100
21	1500	733-1.072	<1%	PS8741-A-ND	3.47	3.13	2.67

Opto-isolateurs de sortie analogique à haute vitesse



Fig.	Tension d'isolement	CTR	V c.c. (Max.)	Retard de propagation typique (µc)	Boîtier	N° de référence Digi-Key	Prix unitaire			N° de référence Digi-Key	Bande et bobine	
							1	10	100		Qté	Prix
22	2500	20% - 35%	35	0.5 / 0.6	SOP	PS8101-K-A-ND	2.03	1.70	1.44	—	—	—
	2500	10% - 30%	15	1 / 2	SOP	PS8103-ND	1.65	1.38	1.17	PS8103TR-ND	2,500	813.12/M
23	5000	>15%	35	0.5 / 0.3	SMT	PS8601L-A-ND	1.75	1.47	1.24	—	—	—
	5000	>15%	35	0.5 / 0.3	DIP	PS8602-A-ND	2.09	1.75	1.48	—	—	—
24	2500	15% - 35%	35	0.3 / 0.6	SSOP	PS8802-1CT-ND§	1.68	1.40	1.19	PS8802-1TR-ND	1,500	838.54/M
	2500	20% - 40%	3.3	0.3/0.5	SSOP	PS8821-1-A-ND	1.96	1.63	1.38	—	—	—
25	2500	15% - 35%	35	0.3 / 0.6	SSOP	PS8802-2CT-ND§	2.61	2.35	2.00	PS8802-2TR-ND	1,500	1354.36/M
	2500	20% - 40%	3.3	0.3/0.5	SSOP	PS8821-2-A-ND	3.35	3.02	2.57	—	—	—

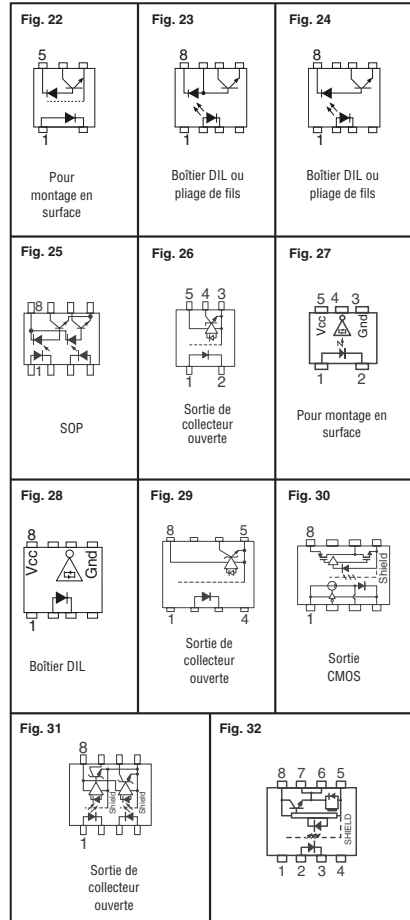
§ Bande coupée

Photocoupleurs numériques à haute vitesse



Fig.	Type de sortie	Tension d'isolement	Temps de propagation		Boîtier	N° de référence Digi-Key	Prix unitaire			N° de référence Digi-Key	Bande et bobine	
			t _{PHL}	t _{PLH}			1	10	100		Qté	Prix
26	OC	2500	250ns	520ns	SOP	PS9113-ND	3.03	2.73	2.33	PS9113TR-ND	2,500	1552.56/M
	OC	2500	54ns	51ns	SOP	PS9114CT-ND§	3.07	2.77	2.36	—	—	—
	OC	2500	54ns	51ns	SOP	PS9114-ND	3.05	2.75	2.34	—	—	—
	OC	2500	40ns	45ns	SMT	PS9121-ND	2.48	2.23	1.90	PS9121TR-ND	2,500	1255.26/M
27	TP	2500	33ns	40ns	SOP	PS9115-ND	3.05	2.75	2.34	PS9115TR-ND	2,500	1563.57/M
28	OC	2500	54ns	51ns	SSOP	PS9814-2CT-ND§	2.74	2.46	2.10	PS9814-2TR-ND	1,500	1420.42/M
29	OC	3750	61ns	51ns	SMT	PS9614L-ND	2.12	1.91	1.63	PS9614LTR-ND	1,000	1097.80
	OC	2500	40ns	45ns	SSOP	PS9817-1-ND	2.05	1.71	1.30	PS9817-1TR-ND	1,500	866.57/M
30	OC	2500	54ns	51ns	SSOP	PS9814-1CT-ND§	1.66	1.50	1.27	—	—	—
31	OC	2500	40ns	45ns	SSOP	PS9817-2-ND	2.67	2.41	2.05	—	—	—
	OC	2500	45ns	50ns	SSOP	PS9821-2-ND	2.92	2.63	2.25	PS9821-2TR-ND	1,500	1926.93/M
32	TP	5000	300ns	300ns	SMD	PS9552L2-AX-ND	2.80	2.52	2.15	—	—	—
	TP	5000	300ns	300ns	SMD	PS9552L3-AX-ND	2.80	2.52	2.15	—	—	—

§ Bande coupée



VISHAY Semiconductor Photocoupleurs

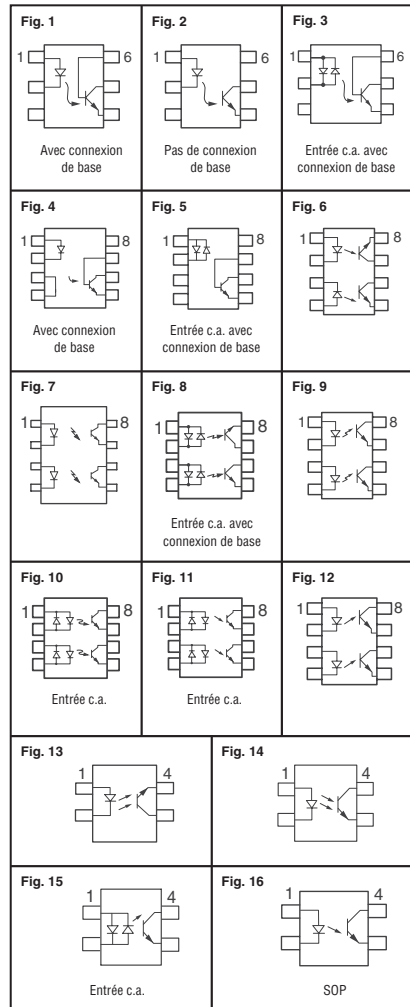


Photocoupleurs de sortie de phototransistor



Fig.	Tension d'isolement	CTR (typique)	V _{CEO} (max.)	Boîtier	N° de référence Digi-Key	Prix unitaire			N° de référence Digi-Key	Bande et bobine		N° de référence Vishay
						1	10	100		Qté	Prix	
1	5300	>20%	70	6-DIP	751-1259-5-ND	.58	.43	.34	—	—	—	4N38
	5300	40 - 80%	70	6-DIP	751-1265-5-ND	.63	.47	.37	—	—	—	CNY17-1
	5300	63 - 125%	70	6-DIP	751-1266-5-ND	.63	.47	.37	—	—	—	CNY17-2
	5300	100 - 200%	70	6-DIP	751-1267-5-ND	.63	.47	.37	—	—	—	CNY17-3
	5300	160 - 320%	70	6-DIP	751-1268-5-ND	.63	.47	.37	—	—	—	CNY17-4
	5300	>50%	70	6-DIP	751-1273-5-ND	.70	.55	.43	—	—	—	H11A1
	5300	>20%	70	6-DIP	751-1274-5-ND	.70	.55	.43	—	—	—	H11A2
	5300	>20%	70	6-DIP	751-1275-5-ND	.70	.55	.43	—	—	—	H11A3
	5300	>20%	300	6-DIP	751-1278-5-ND	1.47	1.27	.98	—	—	—	H11D1
	5300	>20%	200	6-DIP	751-1279-5-ND	1.20	.96	.81	—	—	—	H11D3
2	5300	>20%	50	6-DIP	751-1280-5-ND	.93	.73	.57	—	—	—	IL1
	5300	>100%	70	6-DIP	751-1281-5-ND	.85	.74	.57	—	—	—	IL2
	5300	50 - 80%	30	6-DIP	751-1337-5-ND	.58	.46	.36	—	—	—	MOC8101
	5300	73 - 117%	30	6-DIP	751-1338-5-ND	.58	.46	.36	—	—	—	MOC8102
	5300	108 - 173%	30	6-DIP	751-1339-5-ND	.58	.46	.36	—	—	—	MOC8103
	5300	160 - 256%	30	6-DIP	751-1340-5-ND	.58	.46	.36	—	—	—	MOC8104
	5300	40 - 80%	70	6-DIP	751-1269-5-ND	.63	.47	.37	—	—	—	CNY17F-1
	5300	63 - 125%	70	6-DIP	751-1270-5-ND	.63	.47	.37	—	—	—	CNY17F-2
	5300	100 - 200%	70	6-DIP	751-1271-5-ND	.63	.47	.37	—	—	—	CNY17F-3
	5300	160 - 320%	70	6-DIP	751-1272-5-ND	.63	.47	.37	—	—	—	CNY17F-4
3	5300	>20%	30	6-DIP	751-1276-5-ND	1.04	.84	.70	—	—	—	H11AA1
	5300	>100%	30	6-DIP	751-1290-5-ND	1.36	1.09	.91	—	—	—	IL252
4	4000	40 - 80%	70	8-SOIC	751-1282-1-ND§	.90	.70	.60	751-1282-2-ND	2,000	278.67/M	IL205AT
	4000	63 - 125%	70	8-SOIC	751-1283-1-ND§	.90	.70	.60	751-1283-2-ND	2,000	278.67/M	IL206AT
	4000	100 - 200%	70	8-SOIC	751-1284-1-ND§	.90	.70	.60	751-1284-2-ND	2,000	278.67/M	IL207AT
	4000	160 - 320%	70	8-SOIC	751-1285-1-ND§	.90	.70	.60	751-1285-2-ND	2,000	278.67/M	IL208AT
	4000	>20%	70	8-SOIC	751-1286-1-ND§	.90	.70	.60	751-1286-2-ND	2,000	278.67/M	IL211AT
	4000	>100%	70	8-SOIC	751-1287-1-ND§	.90	.70	.60	751-1287-2-ND	2,000	278.67/M	IL213AT
5	4000	>100%	30	8-SOIC	751-1288-1-ND§	.93	.74	.63	751-1288-2-ND	2,000	292.73/M	IL217AT
	4000	>20%	30	8-SOIC	751-1291-1-ND§	1.12	.89	.76	751-1291-2-ND	2,000	351.04/M	IL256AT
	5300	≥20%	30	8-DIP	751-1305-5-ND	.81	.71	.55	—	—	—	ILD76
	5300	>20%	50	8-DIP	751-1306-5-ND	1.24	.99	.83	—	—	—	ILD1
	5300	>100%	70	8-DIP	751-1307-5-ND	1.30	1.13	.87	—	—	—	ILD2
	5300	>50%	70	8-DIP	751-1318-5-ND	1.63	1.28	1.08	—	—	—	ILD5
	5300	35%	20	8-DIP	751-1326-5-ND	1.47	1.17	.98	—	—	—	ILD74
	5300	≥20%	30	8-DIP	751-1336-5-ND	1.07	.86	.72	—	—	—	MCT6
	4000	40 - 80%	70	8-SOIC	751-1308-1-ND§	1.23	.98	.83	751-1308-2-ND	2,000	385.35/M	ILD205T
	4000	63 - 125%	70	8-SOIC	751-1309-1-ND§	1.23	.98	.83	751-1309-2-ND	2,000	385.35/M	ILD206T
7	4000	100 - 200%	70	8-SOIC	751-1310-1-ND§	1.23	.98	.83	751-1310-2-ND	2,000	385.35/M	ILD207T
	4000	>20%	70	8-SOIC	751-1311-1-ND§	1.23	.98	.83	751-1311-2-ND	2,000	385.35/M	ILD211T
	4000	>100%	70	8-SOIC	751-1312-1-ND§	1.23	.98	.83	751-1312-2-ND	2,000	385.35/M	ILD213T
	4000	>100%	70	8-SOIC	751-1313-1-ND§	1.30	1.04	.88	751-1313-2-ND	2,000	409.36/M	ILD217T
8	5300	>50%	30	8-DIP	751-1315-5-ND	2.63	2.06	1.73	—	—	—	ILD250
	5300	>100%	30	8-DIP	751-1316-5-ND	2.92	2.54	1.90	—	—	—	ILD252
9	5300	63 - 125%	70	8-DIP	751-1320-5-ND	1.47	1.17	.98	—	—	—	ILD615-2
	5300	100 - 200%	70	8-DIP	751-1321-5-ND	1.46	1.17	.98	—	—	—	ILD615-3
	5300	160 - 320%	70	8-DIP	751-1322-5-ND	1.49	1.20	1.00	—	—	—	ILD615-4

§ Bande coupée



(suite)

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