



Photo Transistor Output Optoisolators

Fig.	Isolation Volt.	Current Transfer Ratio - Typ. (%)			VCEO (Max.)	Pkg. Type	Digi-Key Part No.	Price Each		
		(Min.)	(Typ.)	(Max.)				1	10	100
7	5300	20	70	—	30	DIP	4N25MFS-ND◆	.56	.44	.32
	5300	20	70	—	30	SMD	4N25SM-ND◆	.56	.44	.32
	5300	20	70	—	30	DIP	4N26MFS-ND◆	.56	.44	.32
	5300	10	50	—	30	DIP	4N27MFS-ND◆	.56	.44	.32
	5300	100	300	—	30	SMD	4N35MFS-ND◆	.56	.44	.32
1A	5300	100	300	—	30	SMD	4N35SM-ND◆	.56	.44	.32
	5300	100	300	—	30	DIP	4N36M-ND◆	.56	.44	.32
	5300	100	300	—	30	DIP	4N37MFS-ND◆	.56	.44	.32
	5300	40	60	80	70	DIP	CNY171MFS-ND	.56	.44	.32
	5300	63	100	125	70	DIP	CNY172M-ND◆	.56	.44	.32
	5300	100	150	200	70	DIP	CNY173M-ND◆	.56	.44	.32
	5300	50	120	—	30	SMD	H11A1SM-ND◆	.56	.44	.32
	5300	100	—	300	70	DIP	H11A1V1AM-ND◆▲	.80	.62	.45
	5300	100	—	300	70	DIP	H11A1V1M-ND◆	.80	.62	.45
	5300	50	100	—	30	DIP	MOC8100M-ND	.56	.44	.32
	7500	100	—	—	30	SMD	4N35SR2MCT-ND◆‡	.73	.57	.41
	7500	100	—	—	30	SMD	4N35SR2MTR-ND◆‡	216.93/1,000		
	7500	400	—	150	30	DIP	MCT210M-ND◆	.92	.72	.52
18	5300	160	—	320	70	DIP	CNY174MFS-ND◆	.55	.43	.31
1C	5300	40	—	80	70	DIP	CNY17F1MFS-ND◆	.64	.51	.36
	5300	63	—	125	70	SMD	CNY17F2MFS-ND◆	.59	.47	.34
	5300	100	—	200	70	DIP	CNY17F3MFS-ND◆	.59	.47	.34
	5300	160	—	320	70	SMD	CNY17F4MFS-ND◆	.59	.47	.34
	5300	40	—	80	70	DIP	CNY17F1TVM-ND◆	.59	.47	.34
	5300	50	—	150	70	SMD	MOC8106SM-ND◆	.69	.54	.39
2	2500	7	18	50	15	DIP	6N1350T-ND◆	1.11	.91	.63
	2500	19	27	50	15	DIP	6N1360T-ND◆	1.11	.91	.63
	2500	12	27	—	15	DIP	HCPL2503QT-ND◆	1.30	1.06	.73
3	2500	300	1300	—	7	DIP	6N1380T-ND◆	1.16	.95	.66
	2500	400	1100	—	18	DIP	6N1390T-ND◆	1.16	.95	.66
	2500	15	—	50	—	SOIC	FOD050L1R1CT-ND◆‡	2.13	1.91	1.24
4	2500	15	—	50	—	SOIC	FOD050L1R1TR-ND◆‡	448.00/500		
	2500	19	27	50	—	SOIC	HCPL0453R1CT-ND◆‡	2.55	2.28	1.48
	2500	19	27	50	—	SOIC	HCPL0453R1TR-ND◆‡	536.00/500		
	2500	19	27	50	—	SMD	HCPL0501-ND◆	1.93	1.71	1.11
	2500	7	27	50	—	SOIC	HCPL0530R1CT-ND◆‡	4.16	3.47	2.52
	2500	7	27	50	—	SOIC	HCPL0530R1TR-ND◆‡	913.50/500		
	2500	19	27	50	—	SOIC	HCPL0531R1CT-ND◆‡	4.65	3.88	2.82
	2500	19	27	50	—	SOIC	HCPL0531R1TR-ND◆‡	1022.25/500		
	2500	15	30	—	—	SOIC	HCPL0534R1CT-ND◆‡	5.12	4.27	3.10
	2500	15	30	—	—	SOIC	HCPL0534R1TR-ND◆‡	2061.50/1,000		
	5000	19	27	50	—	DIP	HCPL4503M-ND◆	1.68	1.37	.95
	5000	19	27	50	—	SMD	HCPL4503DMCT-ND◆‡	2.47	2.21	1.43
5000	19	27	50	—	SMD	HCPL4503SDMTR-ND◆‡	893.75/1,000			
5	5000	19	27	50	—	SMD	HCPL4503SM-ND◆	2.28	2.02	1.30
	5000	19	27	50	—	SMD	HCPL4503TM-ND◆	2.28	2.02	1.30
	2500	15	—	50	—	SOIC	FOD053LR1CT-ND◆‡	3.83	3.19	2.32
6	2500	15	—	50	—	SOIC	FOD053LR1TR-ND◆‡	841.00/500		
	2500	16	18	—	—	DIP	HCPL2530-ND◆	2.46	2.18	1.41
	2500	19	27	—	—	DIP	HCPL2531-ND◆	2.46	2.18	1.41
7	2500	300	—	—	7	DIP	HCPL2730QT-ND◆	2.46	2.18	1.41
	2500	400	—	—	18	DIP	HCPL2731QT-ND◆	2.12	1.88	1.21
	2500	20	—	—	30	DIP	MCT6-ND◆	.91	.72	.51

Fig.	Isolation Volt.	Current Transfer Ratio - Typ. (%)			VCEO (Max.)	Pkg. Type	Digi-Key Part No.	Price Each		
		(Min.)	(Typ.)	(Max.)				1	10	100
7	2500	50	—	—	30	DIP	MCT61-ND◆	.91	.72	.51
	2500	100	—	—	30	DIP	MCT62-ND◆	.97	.76	.54
	2500	10	—	—	30	SMD	MCT62S-ND◆	.97	.76	.54
	2500	50	—	600	55	DIP	MCT9001-ND◆	.97	.76	.54
8	2500	100	150	200	70	SMD	MOC207M-ND◆	1.07	.87	.61
	2500	40	—	125	70	SMD	MOC208M-ND◆	1.14	.93	.65
	2500	20	65	—	30	SMD	MOC2211M-ND◆	1.14	.93	.65
	2500	100	—	—	70	SMD	MOC2213M-ND◆	1.12	.92	.64
	2500	100	—	—	70	SOIC	MOC2213R2MCT-ND◆‡	1.34	1.08	.75
	2500	100	—	—	70	SOIC	MOC2213R2MTR-ND◆‡	991.12/2,500		
	2500	100	130	—	30	SMD	MOC2217M-ND◆	1.14	.93	.65
	2500	100	—	—	30	SOIC	MOC2217R2MCT-ND◆‡	1.24	1.00	.69
	2500	100	—	—	30	SOIC	MOC2217R2MTR-ND◆‡	915.71/2,500		
	9	3000	40	60	80	70	SMD	MOC205M-ND◆	.71	.56
3000		63	94	125	70	SMD	MOC206M-ND◆	.71	.56	.40
3000		100	150	200	70	SMD	MOC207M-ND◆	.69	.54	.39
3000		40	80	125	70	SMD	MOC208M-ND◆	.71	.56	.40
3000		20	65	—	30	SMD	MOC211M-ND◆	.71	.56	.40
3000		100	—	—	30	SMD	MOC213M-ND◆	.71	.56	.40
10	3000	50	90	—	30	SMD	MOC212M-ND◆	.71	.56	.40
	3000	100	140	—	30	SMD	MOC213M-ND◆	.71	.56	.40
	3000	20	—	—	30	SMD	MOC215M-ND◆	.71	.56	.40
	3000	100	—	—	30	SMD	MOC217M-ND◆	.71	.56	.40
	3000	500	1000	—	30	SOIC	MOC223M-ND◆	.82	.64	.46
	3000	20	150	—	30	SOIC	MOC256M-ND◆	.99	.78	.56
11	2500	500	1000	—	30	SMD	MOC2233M-ND◆	1.30	1.06	.73
	3750	20	—	50	—	MFP	FODM452R1VCT-ND◆‡	2.17	1.94	1.26
	3750	20	—	50	—	MFP	FODM452R1VTR-ND◆‡	456.00/500		
	3750	20	—	50	—	MFP	FODM453R1VCT-ND◆‡	2.24	2.01	1.30
	3750	20	—	50	—	MFP	FODM453R1VTR-ND◆‡	472.00/500		
12	2500	80	—	600	80	MFP	HMHA2801-ND◆	.61	.48	.34
	2500	80	—	600	80	MFP	HMHA2801R1CT-ND◆‡	.48	.37	.28
	2500	80	—	600	80	MFP	HMHA2801R1TR-ND◆‡	161.00/1,000		
	2500	80	—	600	80	MFP	HMHA2801R2CT-ND◆‡	.48	.37	.28
	2500	80	—	600	80	MFP	HMHA2801R2TR-ND◆‡	490.05/2,500		
	2500	100	—	—	75	BGA	FODB100VCT-ND◆‡	1.55	1.24	.93
	3750	50	—	600	80	MFP	FODM121R2CT-ND◆‡	.68	.53	.38
	3750	50	—	600	80	MFP	FODM121R2TR-ND◆‡	506.25/2,500		
	3750	100	—	1200	80	MFP	FODM124R2CT-ND◆‡	.65	.51	.37
	3750	100	—	1200	80	MFP	FODM124R2TR-ND◆‡	490.05/2,500		
13	3750	50	—	300	40	MFP	FODM2701R2CT-ND◆‡	.65	.51	.37
	3750	50	—	300	40	MFP	FODM2701R2TR-ND◆‡	490.05/2,500		
	3750	50	—	300	40	MFP	FODM2705R2CT-ND◆‡	.69	.54	.39
	3750	50	—	300	40	MFP	FODM2705R2TR-ND◆‡	518.40/2,500		
	2500	300	—	5000	—	SOIC	HCPL0730R1CT-ND◆‡	4.16	3.47	2.52
	2500	300	—	5000	—	SOIC	HCPL0730R1TR-ND◆‡	913.50/500		
14	2500	500	—	5000	—	SOIC	HCPL0731R1CT-ND◆‡	4.65	3.88	2.82
	2500	500	—	5000	—	SOIC	HCPL0731R1TR-ND◆‡	1022.25/500		
	2500	400	1100	—	—	SMD	6N1395DCT-ND◆‡	1.41	1.13	.79

† VDE approval ▲ .4" Lead Spacing ‡ Cut Tape †† Tape and Reel ◆ RoHS Compliant (Continued)

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