CEL California Eastern Laboratories

OPTOCOUPLER & SOLID STATE RELAY

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CROSS REFERENCE

NEC

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Optocoupler Cross Reference

Sharp	Cross	Package	Sales Tip(s)	Code	Comment(s)
PC100	No Cross	14 Pin DIP		D	
PC101	No Cross	14 Pin DIP		D	
PC110	No Cross	6 Pin DIP		D	
PC111	No Cross	6 Pin DIP		D	
PC112	No Cross	6 Pin DIP		D	
PC113	No Cross	6 Pin DIP		D	
PC120	PS2701-1	4 Pin DIP		C	
PC121	PS2701-1	4 Pin DIP		C	
PC123	PS2701-1	4 Pin DIP		C	
PC123F	PS2701-1	4 Pin DIP		C	
PC353T	PS2801-1	4 Pin SSOP	4 Pin Replacement SSOP Package Lower Cost, Smaller	C	6 Pin vs 4 Pin
PC354	PS2705-1	4 Pin SOP	(Our Height is Lower at 2.3mm)	A	
PC355NT	PS2702-1	4 Pin SOP	(Our Height is Lower at 2.3mm)	A	
PC356NT	PS2701-1	4 Pin SOP	(Our Height is Lower at 2.3mm)	A	
PC357NT	PS2701-1	4 Pin SOP	(Our Height is Lower at 2.3mm)	A	
PC3Q64	PS2705-1 (X4)	16 Pin SOP	(Our Height is Lower at 2.3mm)	B	
PC3Q67	PS2701-1 (X4)	16 Pin SOP	(Our Height is Lower at 2.3mm)	B	
PC400	No Cross	IC Type Coupler		D	
PC401	No Cross	IC Type Coupler		D	
PC410	PS9701	5 Pin SOP	(Our Height is Lower at 2.3mm)	A	
PC417	PS8701	5 Pin DIP	(Our Height is Lower at 2.3mm)	A	
PC419	No Cross			D	
PC450T	No Cross			D	
PC452	PS2732-1	4 Pin SOP	(Our Height is Lower at 2.3mm)	B	
PC702V	No Cross	6 Pin DIP		D	
PC703V	No Cross	6 Pin DIP		D	
PC713V	No Cross	6 Pin DIP		D	
PC714V	No Cross	6 Pin DIP		D	
PC715V	No Cross	6 Pin DIP		D	
PC716V	No Cross	6 Pin DIP		D	
PC723V	No Cross	6 Pin DIP		D	
PC724V	No Cross	6 Pin DIP		D	
PC725	No Cross	6 Pin DIP		D	
PC727	No Cross	6 Pin DIP		D	
PC729	No Cross	6 Pin DIP		D	
PC733	No Cross	6 Pin DIP		D	
PC733H	No Cross	6 Pin DIP		D	
PC810	PS2701-1	4 Pin DIP		C	
PC812	PS2701-1	4 Pin DIP		C	
PC813	PS2705-1	4 Pin DIP		C	
PC814	PS2705-1	4 Pin DIP		C	
PC815	PS2702-1	4 Pin DIP		C	
PC816	PS2701-1	4 Pin DIP		C	
PC817	PS2701-1	4 Pin DIP		C	
PC818	PS2701-1	4 Pin DIP		C	
PC824	PS2705-1	8 Pin DIP		C	
PC825	PS2702-1 (X2)	8 Pin DIP		C	
PC826	PS2702-1 (X2)	8 Pin DIP		C	
PC827	PS2702-1 (X2)	8 Pin DIP		C	
PC829	No Cross	8 Pin DIP		D	
PC844	PS2705-1 (X4)	16 Pin DIP		C	
PC845	PS2702-1 (X4)	16 Pin DIP		C	
PC846	PS2701-1 (X4)	16 Pin DIP		C	
PC847	PS2701-1 (X4)	16 Pin DIP		C	

A = Direct Electrical/Mechanical Replacement
B = Direct Electrical Drop-In Replacement Likely Insignificant Difference
C = Same Electrical Function / Not Drop in Electrical/Mechanical Replacement
D = No Cross

Sharp	Cross	Package	Sales Tip(s)	Code	Comment(s)
PC851	PS2732-1	4 Pin DIP	300V Vceo Type With Low CTR	C	
PC852	PS2732-1	4 Pin DIP		C	
PC853	PS2732-1	4 Pin DIP		C	
PC853H	PS2733-1	4 Pin DIP		C	
PC8D52	PS2732-1 (X2)	8 Pin DIP		C	
PC8Q52	PS2732-1 (X4)	8 Pin DIP		C	
PC865	PS2732-1	4 Pin DIP		C	
PC875	PS2732-1	4 Pin DIP		C	
PC895	PS2732-1	4 Pin DIP		C	
PC866	PS2701-1	4 Pin DIP		C	
PC8D66	PS2701-1 (X2)	8 Pin DIP		C	
PC8Q66	PS2701-1 (X4)	16 Pin DIP		C	
PC900V	No Cross	6 Pin DIP		D	
PC900VQ	No Cross	6 Pin DIP		D	
PC901V	No Cross	6 Pin DIP		D	
PC902	No Cross	8 Pin DIP		D	
PC904	No Cross	8 Pin DIP		D	
PC905	No Cross	8 Pin DIP		D	
PC906	No Cross	16 Pin DIP		D	
PC910X	PS9601	8 Pin DIP		A	
PC91D10	No Cross	8 Pin DIP		D	
PC911	PS9611	8 Pin DIP		A	
PC912X	PS9611	8 Pin DIP		A	
PC915	No Cross	8 Pin DIP		D	
PC917X	PS8602	8 Pin DIP		A	
PC918X	PS8602	8 Pin DIP		A	
PC922	PS9634	8 Pin DIP		A	
PC923	PS9636	8 Pin DIP		A	
PC924	PS9636	8 Pin DIP		A	
PC928	No Cross			D	
PC929	No Cross			D	
PC930	No Cross			D	
PC931	No Cross			D	
PC932	No Cross			D	
PC933	No Cross			D	
PC934	No Cross			D	
PC935	No Cross			D	
PC9D10	No Cross			D	
PC9D17	No Cross			D	
6N135	PS8601	8 Pin DIP		A	
6N136	PS8601	8 Pin DIP		A	
6N137	PS9601	8 Pin DIP		A	
6N138	No Cross			D	
6N139	No Cross			D	

Toshiba	Cross	Package	Sales Tip(s)	Code	Comment(s)
4N25	No Cross	6 Pin DIP		D	
4N25A	No Cross	6 Pin DIP		D	
4N26	No Cross	6 Pin DIP		D	
4N27	No Cross	6 Pin DIP		D	
4N28	No Cross	6 Pin DIP		D	
4N29	No Cross	6 Pin DIP		D	
4N29A	No Cross	6 Pin DIP		D	
4N30	No Cross	6 Pin DIP		D	
4N31	No Cross	6 Pin DIP		D	
4N32	No Cross	6 Pin DIP		D	

A = Direct Electrical/Mechanical Replacement
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C = Same Electrical Function / Not Drop in Electrical/Mechanical Replacement
D = No Cross

Toshiba	Cross	Package	Sales Tip(s)	Code	Comment(s)
4N32A	No Cross	6 Pin DIP		D	
4N33	No Cross	6 Pin DIP		D	
4N35	No Cross	6 Pin DIP		D	
4N36	No Cross	6 Pin DIP		D	
4N37	No Cross	6 Pin DIP		D	
4N38	No Cross	6 Pin DIP		D	
4N38A	No Cross	6 Pin DIP		D	
6N135	PS8601	8 Pin DIP		A	
6N136	PS8601	8 Pin DIP		A	
6N137	PS9601	8 Pin DIP		A	
6N138	No Cross			D	
6N139	No Cross			D	
CNY17-2	No Cross	6 Pin DIP		D	
CNY17-3	No Cross	6 Pin DIP		D	
CNY17-4	No Cross	6 Pin DIP		D	
TLP112	PS8701	5 Pin SOP		B	
TLP112A	PS8701	5 Pin SOP		B	
TLP113	No Cross			D	
TLP114A	PS8701	5 Pin SOP		B	
TLP115	PS9701	5 Pin SOP		B	
TLP115A	PS9701	5 Pin SOP		B	
TLP120	PS2705-1	4 Pin SOP		A	
TLP120-4	PS2705-1 (X4)	16 Pin SOP		B	
TLP121	PS2701-1	4 Pin SOP		A	
TLP121-4	PS2701-1 (X4)	16 Pin SOP		B	
TLP124	PS2701-1	4 Pin SOP		A	
TLP124-4	PS2701-1 (X4)	16 Pin SOP		B	
TLP126	PS2705-1	4 Pin SOP		A	
TLP126-4	PS2705-1 (X4)	16 Pin SOP		B	
TLP127	PS2732-1	4 Pin SOP		A	
TLP127-4	PS2732-1 (X4)	16 Pin SOP		B	
TLP130	PS2705-1	4 Pin SOP		C	
TLP131	PS2701-1	4 Pin SOP		C	
TLP137	PS2701-1	4 Pin SOP		C	
TLP141G	No Cross	4 Pin SOP		D	
TLP160G	No Cross	4 Pin SOP		D	
TLP160J	No Cross	4 Pin SOP		D	
TLP16GJ	No Cross	4 Pin SOP		D	
TLP161J	No Cross	4 Pin SOP		D	
TLP168G	No Cross	4 Pin SOP		D	
TLP168J	No Cross	4 Pin SOP		D	
TLP181	PS2701-1	4 Pin SOP		A	
TLP190B	No Cross	4 Pin SOP		D	
TLP191B	No Cross	4 Pin SOP		D	
TLP215	No Cross	6 Pin DIP		D	
TLP216	No Cross	6 Pin DIP		D	
TLP227G	PS7141-1A	6 Pin DIP		C	6 Pin vs. 4 Pin
TLP227G-2	PS7141-2A	8 Pin DIP		B	
TLP250	No Cross	8 Pin DIP		D	
TLP251	No Cross	8 Pin DIP		D	
TLP280	PS2805-1	4 Pin SSOP		A	
TLP280-4	PS2805-4	16 Pin SSOP		A	
TLP296G	PS7141-2A	8 Pin DIP		B	
TLP320	PS2707-1	4 Pin DIP		C	
TLP320-2	PS2707-1 (X2)	8 Pin DIP		A	
TLP320-4	PS2707-1 (X4)	16 Pin DIP		A	
TLP321	PS2701-1	4 Pin DIP		C	

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Toshiba	Cross	Package	Sales Tip(s)	Code	Comment(s)
TLP321-2	PS2701-1 (X2)	8 Pin DIP		C	
TLP321-4	PS2701-1 (X4)	16 Pin DIP		C	
TLP330	No Cross	6 Pin DIP		D	
TLP331	No Cross	6 Pin DIP		D	
TLP332	No Cross	6 Pin DIP		D	
TLP371	No Cross	6 Pin DIP		D	
TLP372	No Cross	6 Pin DIP		D	
TLP504A	PS2705-1 (X2)	8 Pin DIP	Old Telecom Pinout PS2505-2 is closest cross and lower Cost	C	
TLP504-2	PS2705-1 (X4)	16 Pin DIP	Old Telecom Pinout PS2505-4 is closest cross and lower Cost	C	
TLP512	PS8602	8 Pin DIP		C	
TLP513	PS9601	8 Pin DIP		C	
TLP521-1	PS2701-1	4 Pin DIP		C	
TLP521-2	PS2701-1 (X2)	8 Pin DIP		C	
TLP521-4	PS2701-1 (X4)	16 Pin DIP		C	
TLP523	PS2732-1	4 Pin DIP		C	
TLP523-2	PS2732-1 (X2)	8 Pin DIP		C	
TLP523-4	PS2732-1 (X4)	16 Pin DIP		C	
TLP525G	No Cross	4 Pin DIP		D	
TLP525G-2	No Cross	8 Pin DIP		D	
TLP525G-4	No Cross	16 Pin DIP		D	
TLP531	No Cross	6 Pin DIP		D	
TLP532	No Cross	6 Pin DIP		D	
TLP535	No Cross	6 Pin DIP		D	
TLP541G	No Cross	6 Pin DIP		D	
TLP542G	No Cross	6 Pin DIP		D	
TLP550	PS8602	8 Pin DIP		A	
TLP552	PS9601	8 Pin DIP		A	
TLP553	No Cross			D	
TLP555	No Cross			D	
TLP557	PS9634	8 Pin DIP		C	
TLP558	PS9601	8 Pin DIP		C	
TLP559	PS8601	8 Pin DIP		B	
TLP560G	No Cross	6 Pin DIP		D	
TLP560J	No Cross	6 Pin DIP		D	
TLP561G	No Cross	6 Pin DIP		D	
TLP561J	No Cross	6 Pin DIP		D	
TLP570	No Cross	6 Pin DIP		D	
TLP571	No Cross	6 Pin DIP		D	
TLP572	No Cross	6 Pin DIP		D	
TLP582	No Cross			D	
TLP590B	No Cross	6 Pin DIP		D	
TLP591B	No Cross	6 Pin DIP		D	
TLP620	PS2705-1	4 Pin DIP		C	
TLP620-2	PS2705-1 (X2)	4 Pin DIP		C	
TLP620-4	PS2705-1 (X4)	4 Pin DIP		C	
TLP621	PS2701-1	4 Pin DIP		C	
TLP621-2	PS2701-1 (X2)	8 Pin DIP		C	
TLP621-4	PS2701-1 (X4)	16 Pin DIP		C	
TLP624	PS2703-1	4 Pin DIP		C	
TLP624-2	PS2703-1(X2)	8 Pin DIP		C	
TLP624-4	PS2703-1(X4)	16 Pin DIP		C	
TLP626	PS2705-1	4 Pin DIP		C	
TLP626-2	PS2705-1 (X2)	8 Pin DIP		C	
TLP626-4	PS2705-1 (X4)	16 Pin DIP		C	
TLP627	PS2732-1	4 Pin DIP		C	
TLP627-2	PS2732-1 (X2)	8 Pin DIP		C	
TLP627-4	PS2732-1 (X4)	16 Pin DIP		C	

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Toshiba	Cross	Package	Sales Tip(s)	Code	Comment(s)
TLP628	PS2733-1	4 Pin DIP		C	
TLP628-2	PS2733-1 (X2)	8 Pin DIP		C	
TLP628-4	PS2733-1 (X4)	16 Pin DIP		C	
TLP629	PS2703-1	4 Pin DIP		C	
TLP629-2	PS2703-1 (X2)	8 Pin DIP		C	
TLP629-4	PS2703-1 (X4)	16 Pin DIP		C	
TLP630	No Cross	6 Pin DIP		D	
TLP631	No Cross	6 Pin DIP		D	
TLP632	No Cross	6 Pin DIP		D	
TLP633	No Cross	6 Pin DIP		D	
TLP634	No Cross	6 Pin DIP		D	
TLP641G	No Cross			D	
TLP647G	No Cross			D	
TLP647J	No Cross			D	
TLP651	PS8601	8 Pin DIP		A	
TLP665G	No Cross			D	
TLP665GF	No Cross			D	
TLP665J	No Cross			D	
TLP665JF	No Cross			D	
TLP666G	No Cross			D	
TLP666GF	No Cross			D	
TLP666J	No Cross			D	
TLP666JF	No Cross			D	
TLP668	No Cross			D	
TLP721	PS2705-1	4 Pin DIP		C	
TLP721F	No Cross	4 Pin DIP		D	
TLP731	No Cross	6 Pin DIP		D	
TLP731(LF2)	No Cross	6 Pin DIP		D	
TLP733	No Cross	6 Pin DIP		D	
TLP733F	No Cross	6 Pin DIP		D	
TLP734	No Cross	6 Pin DIP		D	
TLP734F	No Cross	6 Pin DIP		D	
TLP741G	No Cross	6 Pin DIP		D	
TLP741J	No Cross	6 Pin DIP		D	
TLP747G	No Cross	6 Pin DIP		D	
TLP747J	No Cross	6 Pin DIP		D	
TLP750	PS8602	8 Pin DIP		A	
TLP751	PS8601	8 Pin DIP		A	
TLP759	PS8602	8 Pin DIP		B	
TLP762J	No Cross	6 Pin DIP		D	
TLP763J	No Cross	6 Pin DIP		D	
TLP2200	No Cross			D	
TLP2530	No Cross			D	
TLP2531	No Cross			D	
TLP2601	PS9601	8 Pin DIP		C	
TLP2630	No Cross			D	
TLP3502	No Cross			D	
TLP3502A	No Cross			D	
TLP3503	No Cross			D	
TLP3503A	No Cross			D	
TLP3506	No Cross			D	
TLP3507	No Cross			D	
TLP3520	No Cross			D	
TLP3520A	No Cross			D	
TLP3521	No Cross			D	
TLP3526	No Cross			D	
TLP3527	No Cross			D	

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Toshiba	Cross	Package	Sales Tip(s)	Code	Comment(s)
TLP3530	No Cross			D	

Note:
LF1 / LF4 / LF5 = Surface Mount Lead Bends Different Types
LF2 = Special 10.16 mm Lead Bend (NEC “L1” option)
TPL / TPR = Tape and Reel Specification
TP1 / TP4 / TP5 = Tape and Reel Specification

Siemens	Cross	Package	Sales Tip(s)	Code	Comment(s)
4N32	No Cross	6 Pin DIP		D	
4N33	No Cross	6 Pin DIP		D	
4N39	No Cross			D	
6N135	PS8601	8 Pin DIP		A	
6N136	PS8601	8 Pin DIP		A	
6N138	No Cross			D	
6N139	No Cross			D	
CNY17F	No Cross	6 Pin DIP		D	
H11AA1	No Cross	6 Pin DIP		D	
H11B1	No Cross	6 Pin DIP		D	
H11B2	No Cross	6 Pin DIP		D	
H11B3	No Cross	6 Pin DIP		D	
IL1	No Cross	6 Pin DIP		D	
IL30	No Cross	6 Pin DIP		D	
IL31	No Cross	6 Pin DIP		D	
IL55	No Cross	6 Pin DIP		D	
ILD30	No Cross	8 Pin DIP		D	
ILD31	No Cross	8 Pin DIP		D	
ILD55	No Cross	8 Pin DIP		D	
ILQ30	No Cross	16 Pin DIP		D	
ILQ31	No Cross	16 Pin DIP		D	
ILQ55	No Cross	16 Pin DIP		D	
IL55B	No Cross	6 Pin DIP		D	
IL66	No Cross	6 Pin DIP		D	
ILD66	PS2702-1 (X2)	8 Pin DIP		C	
ILQ66	PS2702-1 (X4)	16 Pin DIP		C	
IL66B	No Cross	6 Pin DIP		D	
IL74	No Cross	6 Pin DIP		D	
ILD74	PS2701-1 (X2)	8 Pin DIP		C	
ILQ74	PS2701-1 (X4)	16 Pin DIP		C	
IL201	No Cross	6 Pin DIP		D	
IL202	No Cross	6 Pin DIP		D	
IL203	No Cross	6 Pin DIP		D	
IL205A	PS2801-1	8 Pin SSOP		D	8 Pin vs. 4 Pin
IL206A	PS2801-1	8 Pin SSOP		D	8 Pin vs. 4 Pin
IL207A	PS2801-1	8 Pin SSOP		D	8 Pin vs. 4 Pin
IL208	PS2801-1	8 Pin SSOP		D	8 Pin vs. 4 Pin
IL211A	PS2801-1	8 Pin SSOP		D	8 Pin vs. 4 Pin
L212A	PS2801-1	8 Pin SSOP		D	8 Pin vs. 4 Pin
IL213A	PS2801-1	8 Pin SSOP		D	8 Pin vs. 4 Pin
IL215A	PS2801-1	8 Pin SSOP		D	8 Pin vs. 4 Pin
IL216A	PS2801-1	8 Pin SSOP		D	8 Pin vs. 4 Pin
IL217A	PS2801-1	8 Pin SSOP		D	8 Pin vs. 4 Pin
IL221A	PS2801-1	8 Pin SSOP		D	8 Pin vs. 4 Pin
IIL222A	PS2801-1	8 Pin SSOP		D	8 Pin vs. 4 Pin
IL223A	PS2801-1	8 Pin SSOP		D	8 Pin vs. 4 Pin
IL250	No Cross	6 Pin DIP		D	

A = Direct Electrical/Mechanical Replacement
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Siemens	Cross	Package	Sales Tip(s)	Code	Comment(s)
IL251	No Cross	6 Pin DIP		D	
IL252	No Cross	6 Pin DIP		D	
ILD250	No Cross	8 Pin DIP		D	
ILD251	No Cross	8 Pin DIP		D	
ILD252	No Cross	8 Pin DIP		D	
IL255	No Cross	6 Pin DIP		D	
IL256	PS2805-1	8 Pin 1/2 SOP	8 Pin 1/2 SOP vs. 8 Pin SSOP	D	
IL300	No Cross			D	
IL329	See Comment	8 Pin SOP	PS7241-AT5 is Lower Cost Standard Industry Pinout	D	
IL350	No Cross			D	
IL352	No Cross			D	
IL388	No Cross			D	
IL410	No Cross			D	
IL420	No Cross			D	
IL440	No Cross			D	
IL755	No Cross	6 Pin DIP		D	
IL755-2	No Cross	8 Pin DIP		D	
IL755B	No Cross	6 Pin DIP		D	
IL766	No Cross	6 Pin DIP		D	
IL766-2	No Cross	8 Pin DIP		D	
ILD766	No Cross	8 Pin DIP		D	
IL766B	No Cross	6 Pin DIP		D	
IL4108	No Cross	6 Pin DIP		D	
IL4116	No Cross	6 Pin DIP		D	
IL4117	No Cross	6 Pin DIP		D	
IL4118	No Cross	6 Pin DIP		D	
IL4216	No Cross	6 Pin DIP		A	
IL4217	No Cross	6 Pin DIP		D	
IL4218	No Cross	6 Pin DIP		D	
ILCT6	PS2701-1 (X2)	8 Pin DIP		C	
ILD1	PS2701-1 (X2)	8 Pin DIP		C	
ILD2	PS2701-1 (X2)	8 Pin DIP		C	
ILD5	PS2701-1 (X2)	8 Pin DIP		C	
ILQ1	PS2701-1 (X4)	16 Pin DIP		C	
ILQ2	PS2701-1 (X4)	16 Pin DIP		C	
ILQ5	PS2701-1 (X4)	16 Pin DIP		C	
ILD3	PS2701-1 (X2)	8 Pin DIP		C	
ILQ3	PS2701-1 (X4)	16 Pin DIP		C	
ILD32	PS2702-1 (X2)	8 Pin DIP		C	
ILQ32	PS2702-1 (X4)	16 Pin DIP		C	
ILD205	PS2801-1 x 2	8 Pin SSOP	Please call for CTR Rank Information	C	
ILD206	PS2801-1 x 2	8 Pin SSOP	Please call for CTR Rank Information	C	
ILD207	PS2801-1 x 2	8 Pin SSOP	Please call for CTR Rank Information	C	
ILD211	PS2801-1 x 2	8 Pin SSOP	Please call for CTR Rank Information	C	
ILD213	PS2801-1 x 2	8 Pin SSOP	Please call for CTR Rank Information	C	
ILD217	PS2801-1 x 2	8 Pin SSOP	Please call for CTR Rank Information	C	
ILD223	PS2802-1 x 2	8 Pin SSOP		A	
ILD255	PS2805-2	8 Pin SSOP		C	
ILD256	PS2805-1 x 2	8 Pin SSOP		A	
ILD610	PS2701-1 (X2)	8 Pin DIP		C	
ILD610-1	PS2701-1 (X2)	8 Pin DIP		C	
ILD610-2	PS2701-1 (X2)	8 Pin DIP		C	
ILD610-3	PS2701-1 (X2)	8 Pin DIP		C	
ILD610-4	PS2701-1 (X2)	8 Pin DIP		C	
ILD615	PS2701-1 (X2)	8 Pin DIP		C	
ILD615-1	PS2701-1 (X2)	8 Pin DIP		C	
ILD615-2	PS2701-1 (X2)	8 Pin DIP		C	

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Siemens	Cross	Package	Sales Tip(s)	Code	Comment(s)
ILD615-3	PS2701-1 (X2)	8 Pin DIP		C	
ILD615-4	PS2701-1 (X2)	8 Pin DIP		C	
ILQ615	PS2701-1 (X4)	16 Pin DIP		C	
ILQ615	PS2701-1 (X4)	16 Pin DIP		C	
ILQ615	PS2701-1 (X4)	16 Pin DIP		C	
ILQ615	PS2701-1 (X4)	16 Pin DIP		C	
ILQ615	PS2701-1 (X4)	16 Pin DIP		C	
ILD620	PS2701-1 (X2)	8 Pin DIP		C	
ILD620GB	PS2701-1 (X2)	8 Pin DIP		C	
ILQ620	PS2701-1 (X4)	16 Pin DIP		C	
ILQ620GB	PS2701-1 (X4)	16 Pin DIP		C	
ILD621	PS2705-1 (X2)	8 Pin DIP		C	
ILD621GB	PS2705-1 (X2)	8 Pin DIP		C	
ILQ621	PS2705-1 (X4)	16 Pin DIP		C	
ILQ621GB	PS2705-1 (X4)	16 Pin DIP		C	
ILH100	No Cross			D	
ILH200	No Cross			D	
MCA230	No Cross	6 Pin DIP		D	
MCA231	No Cross	6 Pin DIP		D	
MCA255	No Cross	6 Pin DIP		D	
MCT6	No Cross	8 Pin DIP		D	
MCT5210	No Cross	6 Pin DIP		D	
MCT5211	No Cross	6 Pin DIP		D	
MOC8050	No Cross	6 Pin DIP		D	
MOC8111	No Cross	6 Pin DIP		D	
SFH600	No Cross	6 Pin DIP		D	
SFH601	No Cross	6 Pin DIP		D	
SFH601-1	No Cross	6 Pin DIP		D	
SFH601-2	No Cross	6 Pin DIP		D	
SFH601-3	No Cross	6 Pin DIP		D	
SFH601-3	No Cross	6 Pin DIP		D	
SFH608	No Cross	6 Pin DIP		D	
SFH608-2	No Cross	6 Pin DIP		D	
SFH608-3	No Cross	6 Pin DIP		D	
SFH608-4	No Cross	6 Pin DIP		D	
SFH608-5	No Cross	6 Pin DIP		D	
SFH610A	PS2701-1	4 Pin DIP		C	
SFH610A-1	PS2701-1	4 Pin DIP	Siemen's CTR = 40-80 %	C	
SFH610A-2	PS2701-1	4 Pin DIP	Siemen's CTR = 63-125 %	C	
SFH610A-3	PS2701-1	4 Pin DIP	Siemen's CTR = 100-200 %	C	
SFH610A-4	PS2701-1	4 Pin DIP	Siemen's CTR = 160-320 %	C	
SFH611A	PS2701-1	4 Pin DIP		C	
SFH615A	PS2701-1	4 Pin DIP		C	
SFH617A	PS2701-1	4 Pin DIP		C	
SFH618A	PS2701-1	4 Pin DIP		C	
SFH620A	PS2705-1	4 Pin DIP		C	
SFH620AA	PS2705-1	4 Pin DIP		C	
SFH628A	PS2701-1	4 Pin DIP		C	
SFH636	PS8701-1	5 Pin SOP	SOP Version of the SFH636	C	
SFH640	No Cross	6 Pin DIP	300 V Vceo	C	
SFH640-1	No Cross	6 Pin DIP	300 V Vceo	C	
SFH640-2	No Cross	6 Pin DIP	300 V Vceo	C	
SFH640-3	No Cross	6 Pin DIP	300 V Vceo	C	
SFH6135	PS8601	6 Pin DIP		A	6 Pin vs. 8 Pin
SFH6136	PS8601	6 Pin DIP		A	6 Pin vs. 8 Pin
SFH6138	No Cross	8 Pin DIP		D	
SFH6139	No Cross	8 Pin DIP		D	

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Siemens	Cross	Package	Sales Tip(s)	Code	Comment(s)
SFH6315	No Cross	8 Pin SSOP		D	
SFH6316	No Cross	8 Pin SSOP		D	
SFH6318	No Cross	8 Pin SSOP		D	
SFH6319	No Cross	8 Pin SSOP		D	
SFH6325	No Cross	8 Pin SSOP		D	
SFH6326	No Cross	8 Pin SSOP		D	
SFH6343	No Cross	8 Pin SSOP		D	
SFH6345	No Cross	8 Pin DIP		D	
SFH6700	No Cross	8 Pin DIP		D	
SFH6701	No Cross	8 Pin DIP		D	
SFH6702	No Cross	8 Pin DIP		D	
SFH6705	No Cross	8 Pin DIP		D	
SFH6711	No Cross	8 Pin DIP		D	
SFH6712	No Cross	8 Pin DIP		D	
SFH6719	No Cross	8 Pin DIP		D	
SFH6943	No Cross	8 Pin DIP		D	

QTC	Cross	Package	Sales Tip(s)	Code	Comment(s)
4N25	No Cross	6 Pin DIP		D	
4N26	No Cross	6 Pin DIP		D	
4N27	No Cross	6 Pin DIP		D	
4N28	No Cross	6 Pin DIP		D	
4N29	No Cross	6 Pin DIP		D	
4N30	No Cross	6 Pin DIP		D	
4N31	No Cross	6 Pin DIP		D	
4N32	No Cross	6 Pin DIP		D	
4N33	No Cross	6 Pin DIP		D	
4N35	No Cross	6 Pin DIP		D	
4N36	No Cross	6 Pin DIP		D	
4N37	No Cross	6 Pin DIP		D	
4N39	No Cross			D	
4N40	No Cross			D	
HCPL2503	PS8601	8 Pin DIP		A	
HCPL4502	PS8601	8 Pin DIP		B	
6N135	PS8601	8 Pin DIP		A	
6N136	PS8601	8 Pin DIP		B	
6N137	PS9601	8 Pin DIP		A	
HCPL2601	PS9701	5 Pin SOP		A	
HCPL2611	PS9601	8 Pin DIP		B	
6N138	No Cross	8 Pin DIP		D	
6N139	No Cross	8 Pin DIP		D	
74OL6000	No Cross	6 Pin DIP		D	
74OL6001	No Cross	6 Pin DIP		D	
74OL6010	No Cross	6 Pin DIP		D	
74OL6011	No Cross	6 Pin DIP		D	
CNY17-1	No Cross	6 Pin DIP		D	
CNY17-2	No Cross	6 Pin DIP		D	
CNY17-3	No Cross	6 Pin DIP		D	
CNY17-4	No Cross	6 Pin DIP		D	
CNY17F-1	No Cross	6 Pin DIP		D	
CNY17F-2	No Cross	6 Pin DIP		D	
CNY17F-3	No Cross	6 Pin DIP		D	
H11A1	No Cross	6 Pin DIP		D	
H11AA1	No Cross	6 Pin DIP		D	
H11AA2	No Cross	6 Pin DIP		D	
H11AA3	No Cross	6 Pin DIP		D	
H11AA4	No Cross	6 Pin DIP		D	

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QTC	Cross	Package	Sales Tip(s)	Code	Comment(s)
H11D1	No Cross	6 Pin DIP		D	
H11D2	No Cross	6 Pin DIP		D	
H11D3	No Cross	6 Pin DIP		D	
H11G1	No Cross	6 Pin DIP		D	
H11G2	No Cross	6 Pin DIP		D	
HCPL2530	No Cross	8 Pin DIP		D	
HCPL2531	No Cross	8 Pin DIP		D	
HCPL2630	No Cross	8 Pin DIP		D	
HCPL2631	No Cross	8 Pin DIP		D	
HCPL2730	No Cross	8 Pin DIP		D	
HCPL2731	No Cross	8 Pin DIP		D	
MCP3009	No Cross	6 Pin DIP		D	
MCP3010	No Cross	6 Pin DIP		D	
MCP3011	No Cross	6 Pin DIP		D	
MCP3020	No Cross	6 Pin DIP		D	
MCP3021	No Cross	6 Pin DIP		D	
MCP3022	No Cross	6 Pin DIP		D	
MCT2	No Cross	6 Pin DIP		D	
MCT2E	No Cross	6 Pin DIP		D	
MCT210	No Cross	6 Pin DIP		D	
MCT-2200	No Cross	6 Pin DIP		D	
MCT-2201	No Cross	6 Pin DIP		D	
MCT-2202	No Cross	6 Pin DIP		D	
MCT-26	No Cross	6 Pin DIP		D	
MCT270	No Cross	6 Pin DIP		D	
MCT-271	No Cross	6 Pin DIP		D	
MCT272	No Cross	6 Pin DIP		D	
MCT274	No Cross	6 Pin DIP		D	
MCT275	No Cross	6 Pin DIP		D	
MCT276	No Cross	6 Pin DIP		D	
MCT277	No Cross	6 Pin DIP		D	
MCT5200	No Cross	6 Pin DIP		D	
MCT5201	No Cross	6 Pin DIP		D	
MCT5210	No Cross	6 Pin DIP		D	
MCT5211	No Cross	6 Pin DIP		D	
MCT6	PS2701-1 (X2)	8 Pin DIP		C	
MCT61	PS2701-1 (X2)	8 Pin DIP		C	
MCT62	PS2701-1 (X2)	8 Pin DIP		C	
MCT9001	PS2701-1 (X2)	8 Pin DIP		C	
MID400	No Cross	8 Pin DIP		D	
MOC8111	No Cross	6 Pin DIP		D	
MOC8112	No Cross	6 Pin DIP		D	
MOC8113	No Cross	6 Pin DIP		D	
TIL111	No Cross	6 Pin DIP		D	
H11A1	No Cross	6 Pin DIP		D	
H11A2	No Cross	6 Pin DIP		D	
H11A3	No Cross	6 Pin DIP		D	
H11A4	No Cross	6 Pin DIP		D	
H11A5	No Cross	6 Pin DIP		D	
H11A1Z	No Cross	6 Pin DIP		D	
H11AG1	No Cross	6 Pin DIP		D	
H11AG2	No Cross	6 Pin DIP		D	
H11AG3	No Cross	6 Pin DIP		D	
H11B1	No Cross	6 Pin DIP		D	
H11B2	No Cross	6 Pin DIP		D	
H11B3	No Cross	6 Pin DIP		D	
H11C1	No Cross			D	

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QTC	Cross	Package	Sales Tip(s)	Code	Comment(s)
H11C2	No Cross			D	
H11C3	No Cross			D	
H11C4	No Cross			D	
H11C5	No Cross			D	
H11C6	No Cross			D	
H11D1	No Cross	6 Pin DIP		D	
H11D2	No Cross	6 Pin DIP		D	
H11D3	No Cross	6 Pin DIP		D	
H11F1	No Cross			D	
H11F2	No Cross			D	
H11F3	No Cross			D	
H11L1	No Cross	6 Pin DIP		D	
H11L2	No Cross	6 Pin DIP		D	
H11L3	No Cross	6 Pin DIP		D	
H11N1	No Cross	6 Pin DIP		D	
H11N2	No Cross	6 Pin DIP		D	
H11N3	No Cross	6 Pin DIP		D	
H24A1	PS2702-1	4 Pin DIP		C	
H24A2	PS2702-1	4 Pin DIP		C	
H24B1	PS2702-1	4 Pin DIP		C	
H24B2	PS2702-1	4 Pin DIP		C	
MCT4	No Cross	LED		D	
MOC3009	No Cross	6 Pin DIP		D	
MOC3010	No Cross	6 Pin DIP		D	
MOC3011	No Cross	6 Pin DIP		D	
MOC3012	No Cross	6 Pin DIP		D	
MOC3020	No Cross	6 Pin DIP		D	
MOC3021	No Cross	6 Pin DIP		D	
MOC3022	No Cross	6 Pin DIP		D	
MOC3023	No Cross	6 Pin DIP		D	

Note:
-S = Surface Mount Option
-SD = Surface Mount Tape and Reel Option
-200D = Surface Mount Tape and Reel Option

Hewlett Packard	Cross	Package	Sales Tip(s)	Code	Comment(s)
6N135	PS8601	8 Pin DIP		A	
6N136	PS8601	8 Pin DIP		B	
HCNR200	No Cross	8 Pin DIP		D	
HCNR201	No Cross	8 Pin DIP		D	
HCNW135	PS8601	8 Pin DIP		B	
HCNW136	PS8601	8 Pin DIP		B	
HCNW137	PS9601	8 Pin DIP		B	
HCNW138	No Cross	8 Pin DIP		D	
HCNW139	No Cross	8 Pin DIP		D	
HCNW2201	No Cross	8 Pin DIP		D	
HCNW2211	No Cross	8 Pin DIP		D	
HCNW2601	PS9601	8 Pin DIP		B	
HCNW2611	PS9601	8 Pin DIP		B	
HCNW4502	PS8601	8 Pin DIP		B	
HCNW4503	PS8601	8 Pin DIP		B	
HCNW4504	PS8601	8 Pin DIP		A	
HCNW4506	No Cross	8 Pin DIP		D	
HCNW4562	PS8601	8 Pin DIP		B	

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Hewlett Packard	Cross	Package	Sales Tip(s)	Code	Comment(s)
HCPL-0201	No Cross	8 Pin DIP		D	
HCPL-0211	No Cross	8 Pin DIP		D	
HCPL-0452	PS8601	8 Pin DIP		B	
HCPL-0453	PS8601	8 Pin DIP		B	
HCPL-0454	PS8601	8 Pin DIP		A	
HCPL-0466	No Cross	8 Pin DIP		D	
HCPL-0500	PS8601	8 Pin DIP		B	
HCPL-0501	PS8601	8 Pin DIP		B	
HCPL-0530	No Cross	8 Pin DIP	2 of the PS8701 NEC Lower Cost Smaller	D	
HCPL-0531	No Cross	8 Pin DIP	2 of the PS8701 NEC Lower Cost Smaller	D	
HCPL-0534	No Cross	8 Pin DIP	2 of the PS8701 NEC Lower Cost Smaller	D	
HCPL-0560	No Cross	8 Pin DIP	2 of the PS8701 NEC Lower Cost Smaller	D	
HCPL-0561	No Cross	8 Pin DIP	2 of the PS8701 NEC Lower Cost Smaller	D	
HCPL-0600	PS9601	8 Pin DIP		B	
HCPL-0601	PS9601	8 Pin DIP		B	
HCPL-0611	PS9601	8 Pin DIP		B	
HCPL-061A	PS9601	8 Pin DIP		B	
HCPL-0630	No Cross	8 Pin DIP		D	
HCPL-0631	No Cross	8 Pin DIP		D	
HCPL-063A	No Cross	8 Pin DIP		D	
HCPL-063N	No Cross	8 Pin DIP		D	
HCPL-0661	No Cross	8 Pin DIP		D	
HCPL-0700	No Cross	8 Pin DIP		D	
HCPL-0701	No Cross	8 Pin DIP		D	
HCPL-070A	No Cross	8 Pin DIP		D	
HCPL-0730	No Cross	8 Pin SOIC	PS2732-2 closest cross	D	
HCPL-0731	No Cross	8 Pin SOIC	PS2732-2 closest cross	D	
HCPL-073A	No Cross	8 Pin SOIC		D	
HCPL-0870	No Cross	A/D Converter		D	
HCPL-177K	No Cross	8 Pin DIP		D	
HCPL-1930	No Cross	16 Pin DIP		D	
HCPL-1931	No Cross	16 Pin DIP		D	
HCPL-193K	No Cross	16 Pin DIP		D	
HCPL-2200	No Cross	8 Pin DIP		D	
HCPL-2201	No Cross	8 Pin DIP		D	
HCPL-2202	No Cross	8 Pin DIP		D	
HCPL-2211	No Cross	8 Pin DIP		D	
HCPL-2212	No Cross	8 Pin DIP		D	
HCPL-2219	No Cross	8 Pin DIP		D	
HCPL-2231	No Cross	8 Pin DIP		D	
HCPL-2232	No Cross	8 Pin DIP		D	
HCPL-2300	No Cross	8 Pin SOIC		D	
HCPL-2400	PS9634	8 Pin DIP		B	
HCPL-2430	No Cross	8 Pin DIP		D	
HCPL-2502	PS8601	8 Pin DIP		B	
HCPL-2530	No Cross			D	
HCPL-2531	No Cross			D	
HCPL-257K	PS8601	8 Pin DIP	Hermetically Sealed HP Package	B	
HCPL-2601	No Cross	8 Pin DIP		D	
HCPL-2602	No Cross			D	
HCPL-2611	No Cross			D	
HCPL-2612	No Cross			D	
HCPL-261A	No Cross			D	
HCPL-261N	No Cross			D	
HCPL-2630	No Cross			D	
HCPL-2631	No Cross			D	
HCPL-263A	PS9701	5 Pin SOP		B	

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Hewlett Packard	Cross	Package	Sales Tip(s)	Code	Comment(s)
HCPL-263N	PS9701	5 Pin SOP		B	
HCPL-2730	No Cross			D	
HCPL-2731	No Cross			D	
HCPL-3000	No Cross			D	
HCPL-3100	PS9634	8 Pin DIP		B	
HCPL-3101	PS9634	8 Pin DIP		B	
HCPL-3120	No Cross			D	
HCPL-3150	No Cross			D	
HCPL-3160	No Cross			D	
HCPL-3700	No Cross			D	
HCPL-3760	No Cross			D	
HCPL-4100	No Cross			D	
HCPL-4200	No Cross			D	
HCPL-4502	PS8602	8 Pin DIP		B	
HCPL-4503	PS8602	8 Pin DIP		B	
HCPL-4504	PS8602	8 Pin DIP		B	
HCPL-4506	No Cross			D	
HCPL-4534	PS8701			C	
HCPL-4562	PS8602	8 Pin DIP		C	
HCPL-4661	No Cross			D	
HCPL-4701	No Cross			D	
HCPL-4731	No Cross			D	
HCPL-5200	No Cross			D	
HCPL-5201	No Cross			D	
HCPL-520K	No Cross			D	
HCPL-5230	No Cross			D	
HCPL-5231	No Cross			D	
HCPL-523K	No Cross			D	
HCPL-5300	No Cross			D	
HCPL-5301	No Cross			D	
HCPL-530K	No Cross			D	
HCPL-5400	No Cross			D	
HCPL-5401	No Cross			D	
HCPL-540K	No Cross			D	
HCPL-5430	No Cross			D	
HCPL-5431	No Cross			D	
HCPL-543K	No Cross			D	
HCPL-5500	No Cross			D	
HCPL-5501	No Cross			D	
HCPL-550K	No Cross			D	
HCPL-5530	No Cross			D	
HCPL-553K	No Cross			D	
HCPL-5600	PS9601/PS9611	8 Pin DIP	HP is Hermetically Sealed	B	
HCPL-5601	PS9601/PS9611	8 Pin DIP	HP is Hermetically Sealed	B	
HCPL-560K	PS9601/PS9611	8 Pin DIP	HP is Hermetically Sealed	B	
HCPL-5630	PS9601/PS9611	8 Pin DIP	HP is Hermetically Sealed	B	
HCPL-5631	PS9601/PS9611	8 Pin DIP	HP is Hermetically Sealed	B	
HCPL-563K	PS9601/PS9611	8 Pin DIP	HP is Hermetically Sealed	B	
HCPL-5700	No Cross			D	
HCPL-5701	No Cross			D	
HCPL-570K	No Cross			D	
HCPL-5730	No Cross			D	
HCPL-5731	No Cross			D	
HCPL-573K	No Cross			D	
HCPL-5760	No Cross			D	
HCPL-5761	No Cross			D	
HCPL-576K	No Cross			D	

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Hewlett Packard	Cross	Package	Sales Tip(s)	Code	Comment(s)
HCPL-6230	No Cross			D	
HCPL-6231	No Cross			D	
HCPL-623K	No Cross			D	
HCPL-6250	No Cross			D	
HCPL-6251	No Cross			D	
HCPL-625K	No Cross			D	
HCPL-6430	No Cross			D	
HCPL-6431	No Cross			D	
HCPL-643K	No Cross			D	
HCPL-6530	PC8601	8 Pin DIP	HP is Hermetically Sealed	B	
HCPL-6531	PC8601	8 Pin DIP	HP is Hermetically Sealed	B	
HCPL-653K	PC8601	8 Pin DIP	HP is Hermetically Sealed	B	
HCPL-6550	PC8601	8 Pin DIP	HP is Hermetically Sealed	B	
HCPL-6551	PC8601	8 Pin DIP	HP is Hermetically Sealed	B	
HCPL-655K	PC8601	8 Pin DIP	HP is Hermetically Sealed	B	
HCPL-6630	PC9601/PS9611	8 Pin DIP	HP is Hermetically Sealed	B	
HCPL-6631	PC9601/PS9611	8 Pin DIP	HP is Hermetically Sealed	B	
HCPL-663K	PC9601/PS9611	8 Pin DIP	HP is Hermetically Sealed	B	
HCPL-6650	PC9601/PS9611	8 Pin DIP	HP is Hermetically Sealed	B	
HCPL-6651	PC9601/PS9611	8 Pin DIP	HP is Hermetically Sealed	B	
HCPL-665K	PC9601/PS9611	8 Pin DIP	HP is Hermetically Sealed	B	
HCPL-6730	No Cross	8 Pin DIP		D	
HCPL-6731	No Cross	8 Pin DIP		D	
HCPL-673K	No Cross	8 Pin DIP		D	
HCPL-6750	No Cross	8 Pin DIP		D	
HCPL-6751	No Cross	8 Pin DIP		D	
HCPL-675K	No Cross	8 Pin DIP		D	
HCPL-7100	No Cross	8 Pin DIP		D	
HCPL-7101	No Cross	8 Pin DIP		D	
HCPL-7800	No Cross	8 Pin DIP		D	
HCPL-7800A	No Cross	8 Pin DIP		D	
HCPL-7800B	No Cross	8 Pin DIP		D	
HCPL-7820	No Cross	8 Pin DIP		D	
HCPL-7825	No Cross	8 Pin DIP		D	
HCPL-7840	No Cross	8 Pin DIP		D	
HCPL-7860	No Cross	8 Pin DIP		D	
HCPL-7870	No Cross	8 Pin DIP		D	

Note:
-300 = Gull Wing
-500 = Tape and Reel
- HP may be hermetically sealed

Lite-On	Cross	Package	Sales Tip(s)	Code	Comment(s)
LRV-4N26S	No Cross	6 Pin DIP		D	
LTV-4N25	No Cross	6 Pin DIP		D	
LTV-4N25SA	No Cross	6 Pin DIP		D	
LTV-4N25M	No Cross	6 Pin DIP		D	
LTV-4N26	No Cross	6 Pin DIP		D	
LTV-4N26S	No Cross	6 Pin DIP		D	
LTV-4N26M	No Cross	6 Pin DIP		D	
LTV-4N27	No Cross	6 Pin DIP		D	
LTV-4N26M	No Cross	6 Pin DIP		D	
LTV-4N28	No Cross	6 Pin DIP		D	
LTV-4N28S	No Cross	6 Pin DIP		D	
LTV-4N28M	No Cross	6 Pin DIP		D	

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Lite-On	Cross	Package	Sales Tip(s)	Code	Comment(s)
LTV-4N32	No Cross	6 Pin DIP		D	
LTV-4N32S	No Cross	6 Pin DIP		D	
LTV-4N32M	No Cross	6 Pin DIP		D	
LTV-4N33	No Cross	6 Pin DIP		D	
LTV-4N33S	No Cross	6 Pin DIP		D	
LTV-4N33M	No Cross	6 Pin DIP		D	
LTV-4N35	No Cross	6 Pin DIP		D	
LTV-4N35S	No Cross	6 Pin DIP		D	
LTV-4N35M	No Cross	6 Pin DIP		D	
LTV-4N37	No Cross	6 Pin DIP		D	
LTV-4N37S	No Cross	6 Pin DIP		D	
LTV-4N37M	No Cross	6 Pin DIP		D	
LTV-702V	No Cross	6 Pin DIP		D	
LTV-702VS	No Cross	6 Pin DIP		D	
LTV-702VM	No Cross	6 Pin DIP		D	
LTV-702F	No Cross	6 Pin DIP		D	
LTV-702FS	No Cross	6 Pin DIP		D	
LTV-702FM	No Cross	6 Pin DIP		D	
LTV-703V	No Cross	6 Pin DIP		D	
LTV-703VS	No Cross	6 Pin DIP		D	
LTV-703VM	No Cross	6 Pin DIP		D	
LTV-703F	No Cross	6 Pin DIP		D	
LTV-703FS	No Cross	6 Pin DIP		D	
LTV-703FM	No Cross	6 Pin DIP		D	
LTV-713V	No Cross	6 Pin DIP		D	
LTV-713VS	No Cross	6 Pin DIP		D	
LTV-713VM	No Cross	6 Pin DIP		D	
LTV-713F	No Cross	6 Pin DIP		D	
LTV-713FS	No Cross	6 Pin DIP		D	
LTV-713FM	No Cross	6 Pin DIP		D	
LTV-814	PS2705-1	4 Pin DIP		C	
LTV-814S	PS2705-1	4 Pin DIP		C	
LTV-814M	PS2705-1	4 Pin DIP		C	
LTV-824	PS2705-1 (X2)	8 Pin DIP		C	
LTV-824S	PS2705-1 (X2)	8 Pin DIP		C	
LTV-824M	PS2705-1 (X2)	8 Pin DIP		C	
LTV-844	PS2705-1 (X4)	16 Pin DIP		C	
LTV-844S	PS2705-1 (X4)	16 Pin DIP		C	
LTV-844M	PS2705-1 (X4)	16 Pin DIP		C	
LTV-8141	PS2706-1	4 Pin DIP		C	
LTV-8141S	PS2706-1	4 Pin DIP		C	
LTV-8141 M	PS2706-1	4 Pin DIP		C	
LTV-8241	PS2706-1 (X2)	8 Pin DIP		C	
LTV-8241S	PS2706-1 (X2)	8 Pin DIP		C	
LTV-8241 M	PS2706-1 (X2)	8 Pin DIP		C	
LTV-8441	PS2706-1 (X4)	16 Pin DIP		C	
LTV-8441S	PS2706-1 (X4)	16 Pin DIP		C	
LTV-8441 M	PS2706-1 (X4)	16 Pin DIP		C	
LTV-815	PS2702-1	4 Pin DIP		C	
LTV-815S	PS2702-1	4 Pin DIP		C	
LTV-815M	PS2701-1	4 Pin DIP		C	
LTV-825	PS2702-1 (X2)	8 Pin DIP		C	
LTV-825S	PS2702-1 (X2)	8 Pin DIP		C	
LTV-825M	PS2701-1 (X2)	8 Pin DIP		C	
LTV-845	PS2702-1 (X4)	16 Pin DIP		C	
LTV-845S	PS2702-1 (X4)	16 Pin DIP		C	
LTV-845M	PS2701-1 (X4)	16 Pin DIP		C	
LTV-817	PS2701-1	4 Pin DIP		C	

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Lite-On	Cross	Package	Sales Tip(s)	Code	Comment(s)
LTV-817S	PS2701-1	4 Pin DIP		C	
LTV-817M	PS2701-1	4 Pin DIP		C	
LTV-827	PS2701-1 (X2)	8 Pin DIP		C	
LTV-827S	PS2701-1 (X2)	8 Pin DIP		C	
LTV-827M	PS2701-1 (X2)	8 Pin DIP		C	
LTV-847	PS2701-1 (X4)	16 Pin DIP		C	
LTV-847S	PS2701-1 (X4)	16 Pin DIP		C	
LTV-847M	PS2701-1 (X4)	16 Pin DIP		C	

Note:
-TA = Tape and Reel
-TB = Tape and Reel

Motorola	Cross	Package	Sales Tip(s)	Code	Comment(s)
4N25	No Cross	6 Pin DIP		D	
4N26	No Cross	6 Pin DIP		D	
4N27	No Cross	6 Pin DIP		D	
4N28	No Cross	6 Pin DIP		D	
4N29	No Cross	6 Pin DIP		D	
4N30	No Cross	6 Pin DIP		D	
4N31	No Cross	6 Pin DIP		D	
4N32	No Cross	6 Pin DIP		D	
4N33	No Cross	6 Pin DIP		D	
4N35	No Cross	6 Pin DIP		D	
4N36	No Cross	6 Pin DIP		D	
4N37	No Cross	6 Pin DIP		D	
4N38A	No Cross	6 Pin DIP		D	
4N38	No Cross	6 Pin DIP		D	
CNY17-1	No Cross	6 Pin DIP		D	
CNY17-2	No Cross	6 Pin DIP		D	
CNY17-3	No Cross	6 Pin DIP		D	
H11A1	No Cross	6 Pin DIP		D	
H11AA1	No Cross	6 Pin DIP		D	
H11AA2	No Cross	6 Pin DIP		D	
H11AA3	No Cross	6 Pin DIP		D	
H11AA4	No Cross	6 Pin DIP		D	
H11AV1	No Cross	6 Pin DIP		D	
H11AV2	No Cross	6 Pin DIP		D	
H11B1	No Cross	6 Pin DIP		D	
H11B3	No Cross	6 Pin DIP		D	
H11D1	No Cross	6 Pin DIP		D	
H11D2	No Cross	6 Pin DIP		D	
H11G1	No Cross	6 Pin DIP		D	
H11G2	No Cross	6 Pin DIP		D	
H11G3	No Cross	6 Pin DIP		D	
H11L1	No Cross	6 Pin DIP		D	
H11L2	No Cross	6 Pin DIP		D	
MCT2	No Cross	6 Pin DIP		D	
MCT2E	No Cross	6 Pin DIP		D	
MOC119	No Cross	6 Pin DIP		D	
MOC205	PS2801-1	4 Pin SSOP	PS2801-1/PS2561-1 Lower Cost Smaller 4 Pin Replacement	C	
MOC206	PS2801-1	4 Pin SSOP	PS2801-1/PS2561-1 Lower Cost Smaller 4 Pin Replacement	C	
MOC207	PS2801-1	4 Pin SSOP	PS2801-1/PS2561-1 Lower Cost Smaller 4 Pin Replacement	C	
MOC208	PS2801-1	4 Pin SSOP	PS2801-1/PS2561-1 Lower Cost Smaller 4 Pin Replacement	C	
MOC211	PS2801-1	4 Pin SSOP	PS2801-1/PS2561-1 Lower Cost Smaller 4 Pin Replacement	C	
MOC212	PS2801-1	4 Pin SSOP	PS2801-1/PS2561-1 Lower Cost Smaller 4 Pin Replacement	C	
MOC213	PS2801-1	4 Pin SSOP	PS2801-1/PS2561-1 Lower Cost Smaller 4 Pin Replacement	C	
MOC215	PS2801-1	4 Pin SSOP	PS2801-1/PS2561-1 Lower Cost Smaller 4 Pin Replacement	C	

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Motorola	Cross	Package	Sales Tip(s)	Code	Comment(s)
MOC216	PS2801-1	4 Pin SSOP	PS2801-1/PS2561-1 Lower Cost Smaller 4 Pin Replacement	C	
MOC217	PS2801-1	4 Pin SSOP	PS2801-1/PS2561-1 Lower Cost Smaller 4 Pin Replacement	C	
MOC223	PS2802-1	4 Pin SSOP	PS2802-1/PS2562-1 Lower Cost Smaller 4 Pin Replacement	C	
MOC256	PS2805-1	4 Pin SSOP	PS2805-1/PS2565-1 Lower Cost Smaller 4 Pin Replacement	C	
MOC263	PS2802-1	4 Pin SSOP	PS2802-1/PS2562-1 Lower Cost Smaller 4 Pin Replacement	C	
MOCD207	PS2801-1 x 2	8 Pin SSOP	PS2801-1 x 2 Lower Cost 4 Pin Replacement	C	
MOCD208	PS2801-1 x 2	8 Pin SSOP	PS2801-1 x 2 Lower Cost 4 Pin Replacement	C	
MOCD211	PS2801-1 x 2	8 Pin SSOP	PS2801-1 x 2 Lower Cost 4 Pin Replacement	C	
MOCD213	PS2801-1 x 2	8 Pin SSOP	PS2801-1 x 2 Lower Cost 4 Pin Replacement	C	
MOCD217	PS2801-1 x 2	8 Pin SSOP	PS2801-1 x 2 Lower Cost 4 Pin Replacement	C	
MOCD223	PS2802-1 x 2	8 Pin SSOP	PS2802-1 x 2 Lower Cost 4 Pin Replacement	C	
MOC2A40-10	No Cross			D	
MOC2A40-5	No Cross			D	
MOC2A60-10	No Cross			D	
MOC2A60-5	No Cross			D	
MOC2R60-10	No Cross			D	
MOC2R60-15	No Cross			D	
MOC3010	No Cross	6 Pin DIP		D	
MOC3011	No Cross	6 Pin DIP		D	
MOC3012	No Cross	6 Pin DIP		D	
MOC3021	No Cross	6 Pin DIP		D	
MOC3022	No Cross	6 Pin DIP		D	
MOC3023	No Cross	6 Pin DIP		D	
MOC3031	No Cross	6 Pin DIP		D	
MOC3032	No Cross	6 Pin DIP		D	
MOC3033	No Cross	6 Pin DIP		D	
MOC3041	No Cross	6 Pin DIP		D	
MOC3042	No Cross	6 Pin DIP		D	
MOC3043	No Cross	6 Pin DIP		D	
MOC3051	No Cross	6 Pin DIP		D	
MOC3052	No Cross	6 Pin DIP		D	
MOC3061	No Cross	6 Pin DIP		D	
MOC3062	No Cross	6 Pin DIP		D	
MOC3063	No Cross	6 Pin DIP		D	
MOC3081	No Cross	6 Pin DIP		D	
MOC3082	No Cross	6 Pin DIP		D	
MOC3083	No Cross	6 Pin DIP		D	
MOC3162	No Cross	6 Pin DIP		D	
MOC3163	No Cross	6 Pin DIP		D	
MOC5007	No Cross	6 Pin DIP		D	
MOC5008	No Cross	6 Pin DIP		D	
MOC5009	No Cross	6 Pin DIP		D	
MOC8020	No Cross	6 Pin DIP		D	
MOC8021	No Cross	6 Pin DIP		D	
MOC8030	No Cross	6 Pin DIP		D	
MOC8050	No Cross	6 Pin DIP		D	
MOC8080	No Cross	6 Pin DIP		D	
MOC8100	No Cross	6 Pin DIP		D	
MOC8101	No Cross	6 Pin DIP		D	
MOC8102	No Cross	6 Pin DIP		D	
MOC8103	No Cross	6 Pin DIP		D	
MOC8104	No Cross	6 Pin DIP		D	
MOC8105	No Cross	6 Pin DIP		D	
MOC8111	No Cross	6 Pin DIP		D	
MOC8112	No Cross	6 Pin DIP		D	
MOC8113	No Cross	6 Pin DIP		D	
MOC8204	No Cross	6 Pin DIP		D	
MOC8205	No Cross	6 Pin DIP		D	
MOC8206	No Cross	6 Pin DIP		D	

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TAPE AND REEL AVAILABILITY BY SERIES

OPTOCOUPLERS

PART NUMBER	PACKAGE QUANTITY
PS27XX SERIES	
PS27XX-1-F3	3500
PS28XX SERIES	
PS28XX-1-F3	3500
PS28XX-4-F3	2500

PART NUMBER	PACKAGE QUANTITY
PS8XXX SERIES	
PS86XXL-E3	1000
PS87XX-E3	900
PS87XX-F3	3500
PS9XXX SERIES	
PS96XXL-E3	1000
PS97XX-E3	900
PS97XX-F3	3500

INTERNATIONAL SAFETY STANDARDS

NEC OPTOCOUPLER PARTS NUMBER				PS2701 to PS2707 PS2732 PS2733	PS2801 PS2805	PS8601 PS8602	PS8701	PS9601 PS9611	PS9634	PS9701 PS9711
PARAMETER (Units: mm) (Minimum Dist.)		Outer Creepage Distance		5.0	5.0	7.0	5.0	7.0	7.0	5.0
		Clearance Distance		5.0	5.0	7.5	5.0	7.5	7.5	5.0
		Isolation Distance		0.3/0.4	0.3/0.4	0.3	0.2	0.4	0.4	0.2
		Inner Creepage Distance		2.5	2.5	4.0	2.5	4.0	4.0	2.5
		Breakdown Voltage		2.5 KV	2.5 KV	5 kV	2.5 kV	5 kV	5 kV	2.5 kV
Organization	**Country**	**Standard No.**	**NEC Approval No.**							
UL	USA	UL1577	E72422(S)	●	●	●	●	●	●	●
CSA	Canada	CSA-C22.2	CA101391	●	-	—	—	—	—	—
VDE	Germany	VDE0884		● 5903UG	● 101378	● 91877	● 5939UG	—	● 76840	● 590UG
BSI	UK	BS415 EN-60-950	7112 (4 pin) 7250 (6 pin)	● 8219	● 8315	— 8188	—	—	—	—
		BS7002 EN-60-950	7240 (4 pin) 7615 (6 pin)	● 8220	● 8189	● 8004	—	● 8389	—	● 8387

● Approved — N/A

Solid State Relay Cross Reference

Aromat	Cross	Package	Sales Tip(s)	Code	Comment(s)
AQ1	No Cross			D	
AQ8	No Cross			D	
AQBX	No Cross			D	
AQC	No Cross			D	
AQF	No Cross			D	
AQR	No Cross			D	
AQS210PS	PS7841-A15	16 Pin SSOP		A	
AQS210PSX	PS7841-A15-F3	16 Pin SSOP		A	
AQS210PSZ	PS7841-A15-F4	16 Pin SSOP		A	
AQS210TS	No Cross			D	
AQS210TSX	No Cross			D	
AQS210TSZ	No Cross			D	
AQS5225S	No Cross			D	
AQS5225SX	No Cross			D	
AQS5225SZ	No Cross			D	
AQS610TS	No Cross			D	
AQS610TSX	No Cross			D	
AQS610TSZ	No Cross			D	
AQV101	PS710A-1A			B	
AQV101A	PS710AL-1A			B	
AQV101AX	PS710AL-1A-E3			B	
AQV101AZ	PS710AL-1A-E4			B	
AQV104	PS7342-1A			B	
AQV104A	PS7342L-1A			B	
AQV104AX	PS7342L-1A-E3			B	
AQV104AZ	PS7342L-1A-E4			B	
AQV201	PS710A-1A			B	
AQV201A	PS710AL-1A			B	
AQV201AX	PS710AL-1A-E3			B	
AQV201AZ	PS710AL-1A-E4			B	
AQV202	PS710A-1A			B	
AQV202A	PS710AL-1A			B	
AQV202AX	PS710AL-1A-E3			B	
AQV202AZ	PS710AL-1A-E4			B	
AQV203	PS7122A-1A			B	
AQV203A	PS7122AL-1A			B	
AQV203AX	PS7122AL-1A-E3			B	
AQV203AZ	PS7122AL-1A-E4			B	
AQV204	PS7122A-1A			B	
AQV204A	PS7122AL-1A			B	
AQV204AX	PS7122AL-1A-E3			B	
AQV204AZ	PS7122AL-1A-E4			B	
AQV210	PS7142A-1A	6 Pin DIP		A	
AQV210A	PS7142AL-1A	6 Pin Gull Wing		A	
AQV210AX	PS7142AL-1A-E3	6 Pin Gull Wing		A	
AQV210AZ	PS7142AL-1A-E4	6 Pin Gull Wing		A	
AQV212	PS710A-1A	6 Pin DIP		B	
AQV212A	PS710AL-1A	6 Pin Gull Wing		B	
AQV212AX	PS710AL-1A-E3	6 Pin Gull Wing		B	
AQV212AZ	PS710AL-1A-E4	6 Pin Gull Wing		B	
AQV212S	PS7206-1A	4 Pin SOP		C	
AQV212SX	PS7206-1A-F3	4 Pin SOP		C	
AQV212SZ	PS7206-1A-F4	4 Pin SOP		C	
AQV214	PS7141-1A	6 Pin DIP	PS7341-1A will work	A	

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Aromat	Cross	Package	Sales Tip(s)	Code	Comment(s)
AQV214A	PS7141L-1A	6 Pin Gull Wing	PS7341L-1A will work	A	
AQV214AX	PS7141L-1A-E3	6 Pin Gull Wing	PS7341L-1A-E3 will work	A	
AQV214AZ	PS7141L-1A-E4	6 Pin Gull Wing	PS7341L-1A-E4 will work	A	
AQV215	No Cross	6 Pin DIP		D	
AQV215A	No Cross	6 Pin Gull Wing		D	
AQV215AX	No Cross	6 Pin Gull Wing		D	
AQV215AZ	No Cross	6 Pin Gull Wing		D	
AQV215S	No Cross	6 Pin SOP		D	
AQV215SX	No Cross	6 Pin SOP		D	
AQV215SZ	No Cross	6 Pin SOP		D	
AQV216	PS7160-1A	6 Pin DIP	PS7360-1A will work	A	
AQV216A	PS7160L-1A	6 Pin Gull Wing	PS7360L-1A will work	A	
AQV216AX	PS7160L-1A-E3	6 Pin Gull Wing	PS7360L-1A-E3 will work	A	
AQV216AZ	PS7160L-1A-E4	6 Pin Gull Wing	PS7360L-1A-E4 will work	A	
AQV217	PS7122A-1A	6 Pin DIP		A	
AQV217A	PS7122AL-1A	6 Pin Gull Wing		A	
AQV217AX	PS7122AL-1A-E3	6 Pin Gull Wing		A	
AQV217AZ	PS7122AL-1A-E4	6 Pin Gull Wing		A	
AQV221	No Cross	6 Pin DIP		D	
AQV221A	No Cross	6 Pin Gull Wing		D	
AQV221AX	No Cross	6 Pin Gull Wing		D	
AQV221AZ	No Cross	6 Pin Gull Wing		D	
AQV224N	PS7341B-1A	6 Pin DIP	Under Development	B	
AQV224NA	PS7341BL-1A	6 Pin Gull Wing	Under Development	B	
AQV224NAX	PS7341BL-1A-E3	6 Pin Gull Wing	Under Development	B	
AQV224NAZ	PS7341BL-1A-E4	6 Pin Gull Wing	Under Development	B	
AQV224NS	No Cross			D	
AQV224NSX	No Cross			D	
AQV224NSZ	No Cross			D	
AQV225	No Cross	6 Pin DIP		D	
AQV225A	No Cross	6 Pin Gull Wing		D	
AQV225AX	No Cross	6 Pin Gull Wing		D	
AQV225AZ	No Cross	6 Pin Gull Wing		D	
AQV225N	No Cross	6 Pin DIP		D	
AQV225NA	No Cross	6 Pin Gull Wing		D	
AQV225NAX	No Cross	6 Pin Gull Wing		D	
AQV225NAZ	No Cross	6 Pin Gull Wing		D	
AQV225NS	No Cross			D	
AQV225NSX	No Cross			D	
AQV225NSZ	No Cross			D	
AQV227N	No Cross			D	
AQV227NA	No Cross			D	
AQV227NAX	No Cross			D	
AQV227NAZ	No Cross			D	
AQV227NS	No Cross			D	
AQV227NSX	No Cross			D	
AQV227NSZ	No Cross			D	
AQV234	PS7141-1A	6 Pin DIP		B	
AQV234A	PS7141L-1A	6 Pin Gull Wing		B	
AQV234AX	PS7141L-1A-E3	6 Pin Gull Wing		B	
AQV234AZ	PS7141L-1A-E3	6 Pin Gull Wing		B	
AQV251	PS710A-1A	6 Pin DIP		B	
AQV251A	PS710AL-1A	6 Pin Gull Wing		B	
AQV251AX	PS710AL-1A-E3	6 Pin Gull Wing		B	
AQV251AZ	PS710AL-1A-E3	6 Pin Gull Wing		B	
AQV252	PS710A-1A	6 Pin DIP		B	
AQV252A	PS710AL-1A	6 Pin Gull Wing		B	

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Aromat	Cross	Package	Sales Tip(s)	Code	Comment(s)
AQV252AX	PS710AL-1A-E3	6 Pin Gull Wing		B	
AQV252AZ	PS710AL-1A-E3	6 Pin Gull Wing		B	
AQV253	PS7122-1A	6 Pin DIP		A	
AQV253A	PS7122L-1A	6 Pin Gull Wing		A	
AQV253AX	PS7122L-1A-E3	6 Pin Gull Wing		A	
AQV253AZ	PS7122L-1A-E4	6 Pin Gull Wing		A	
AQV253H	PS7122-1A	6 Pin DIP		A	
AQV253HA	PS7122L-1A	6 Pin Gull Wing		A	
AQV253HAX	PS7122L-1A-E3	6 Pin Gull Wing		A	
AQV253HAZ	PS7122L-1A-E4	6 Pin Gull Wing		A	
AQV254	PS7341-1A	6 Pin DIP		A	
AQV254A	PS7341L-1A	6 Pin Gull Wing		A	
AQV254AX	PS7341L-1A-E3	6 Pin Gull Wing		A	
AQV254AZ	PS7341L-1A-E4	6 Pin Gull Wing		A	
AQV254H	PS7341-1A	6 Pin DIP		A	
AQV254HA	PS7341L-1A	6 Pin Gull Wing		A	
AQV254HAX	PS7341L-1A-E3	6 Pin Gull Wing		A	
AQV254HAZ	PS7341L-1A-E4	6 Pin Gull Wing		A	
AQV254R	PS7141-1A	6 Pin DIP	NEC No LED	B	
AQV254RA	PS7141L-1A	6 Pin Gull Wing	NEC No LED	B	
AQV254RAX	PS7141L-1A-E3	6 Pin Gull Wing	NEC No LED	B	
AQV254RAZ	PS7141L-1A-E4	6 Pin Gull Wing	NEC No LED	B	
AQV255	PS7142-1A	6 Pin DIP		B	
AQV255A	PS7142L-1A	6 Pin Gull Wing		B	
AQV255AX	PS7142L-1A-E3	6 Pin Gull Wing		B	
AQV255AZ	PS7142L-1A-E4	6 Pin Gull Wing		B	
AQV257	PS7122A-1A	6 Pin DIP		A	
AQV257A	PS7122AL-1A	6 Pin Gull Wing		A	
AQV257AX	PS7122AL-1A-E3	6 Pin Gull Wing		A	
AQV257AZ	PS7122AL-1A-E4	6 Pin Gull Wing		A	
AQV257M	PS7522-1A	6 Pin DIP		B	
AQV257MA	PS7522L-1A	6 Pin Gull Wing		B	
AQV257MAX	PS7522L-1A-E3	6 Pin Gull Wing		B	
AQV257MAZ	PS7522L-1A-E4	6 Pin Gull Wing		B	
AQV258	No Cross	6 Pin DIP		D	
AQV258A	No Cross	6 Pin Gull Wing		D	
AQV258AX	No Cross	6 Pin Gull Wing		D	
AQV258AZ	No Cross	6 Pin Gull Wing		D	
AQV259	No Cross	6 Pin DIP		D	
AQV259A	No Cross	6 Pin Gull Wing		D	
AQV259AX	No Cross	6 Pin Gull Wing		D	
AQV259AZ	No Cross	6 Pin Gull Wing		D	
AQV410E	PS7141-1B	6 Pin DIP		A	
AQV410EA	PS7141L-1B	6 Pin Gull Wing		A	
AQV410EAX	PS7141L-1B-E3	6 Pin Gull Wing		A	
AQV410EAZ	PS7141L-1B-E4	6 Pin Gull Wing		A	
AQV414	PS7141-1B	6 Pin DIP		A	
AQV414A	PS7141L-1B	6 Pin Gull Wing		A	
AQV414AX	PS7141L-1B-E3	6 Pin Gull Wing		A	
AQV414AZ	PS7141L-1B-E4	6 Pin Gull Wing		A	
AQV414E	PS7141-1B	6 Pin DIP		A	
AQV414EA	PS7141L-1B	6 Pin Gull Wing		A	
AQV414EAX	PS7141L-1B-E3	6 Pin Gull Wing		A	
AQV414EAZ	PS7141L-1B-E4	6 Pin Gull Wing		A	
AQV414EH	PS7341-1B	6 Pin DIP		A	
AQV414EHA	PS7341L-1B	6 Pin Gull Wing		A	
AQV414EHAX	PS7341L-1B-E3	6 Pin Gull Wing		A	

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Aromat	Cross	Package	Sales Tip(s)	Code	Comment(s)
AQV414EHAZ	PS7341L-1B-E4	6 Pin Gull Wing		A	
AQV453	PS7122A-1B	6 Pin DIP	Under Development	A	
AQV453A	PS7122AL-1B	6 Pin Gull Wing	Under Development	A	
AQV453AX	PS7122AL-1B-E3	6 Pin Gull Wing	Under Development	A	
AQV453AZ	PS7122AL-1B-E4	6 Pin Gull Wing	Under Development	A	
AQV454	PS7141-1B	6 Pin DIP		A	
AQV454A	PS7141L-1B	6 Pin Gull Wing		A	
AQV454AX	PS7141L-1B-E3	6 Pin Gull Wing		A	
AQV454AZ	PS7141L-1B-E3	6 Pin Gull Wing		A	
AQV454H	PS7341-1B	6 Pin DIP		A	
AQV454HA	PS7341L-1B	6 Pin Gull Wing		A	
AQV454HAX	PS7341L-1B-E3	6 Pin Gull Wing		A	
AQV454HAZ	PS7341L-1B-E3	6 Pin Gull Wing		A	
AQW210	PS7141-2A	8 Pin DIP		A	
AQW210A	PS7141L-2A	8 Pin Gull Wing		A	
AQW210AX	PS7141L-2A-E3	8 Pin Gull Wing		A	
AQW210AZ	PS7141L-2A-E4	8 Pin Gull Wing		A	
AQW210EH	PS7341-2A	8 Pin DIP	Under Development	A	PS7141-2A will work
AQW210EHA	PS7341L-2A	8 Pin Gull Wing	Under Development	A	PS7141-2A will work
AQW210EHAX	PS7341L-2A-E3	8 Pin Gull Wing	Under Development	A	PS7141-2A will work
AQW210EHAZ	PS7341L-2A-E4	8 Pin Gull Wing	Under Development	A	PS7141-2A will work
AQW210HL	PS7341C-2A	8 Pin DIP	Under Development	A	
AQW210HLA	PS7341CL-2A	8 Pin Gull Wing	Under Development	A	
AQW210HLAX	PS7341CL-2A-E3	8 Pin Gull Wing	Under Development	A	
AQW210HLAZ	PS7341CL-2A-E4	8 Pin Gull Wing	Under Development	A	
AQW210S	PS7241-2A	8 Pin SOP		A	
AQW210SX	PS7241-2A-F3	8 Pin SOP		A	
AQW210SZ	PS7241-2A-F4	8 Pin SOP		A	
AQW210T2S	No Cross			D	
AQW210T2SX	No Cross			D	
AQW210T2SZ	No Cross			D	
AQW210TS	PS7241-AT5	8 Pin SOP		A	
AQW210TSX	PS7241-AT5-F3	8 Pin SOP		A	
AQW210TSZ	PS7241-AT5-F4	8 Pin SOP		A	
AQW212	PS7113-1A	6 Pin DIP		B	
AQW212A	PS7113L-1A	6 Pin Gull Wing		B	
AQW212AX	PS7113L-1A-E3	6 Pin Gull Wing		B	
AQW212AZ	PS7113L-1A-E4	6 Pin Gull Wing		B	
AQW214	PS7141-2A	8 Pin DIP		A	
AQW214A	PS7141L-2A	8 Pin Gull Wing		A	
AQW214AX	PS7141L-2A-E3	8 Pin Gull Wing		A	
AQW214AZ	PS7141L-2A-E4	8 Pin Gull Wing		A	
AQW214EH	PS7341-2A	8 Pin DIP	Under Development	A	PS7141-2A will work
AQW214EHA	PS7341L-2A	8 Pin Gull Wing	Under Development	A	PS7141-2A will work
AQW214EHAX	PS7341L-2A-E3	8 Pin Gull Wing	Under Development	A	PS7141-2A will work
AQW214EHAZ	PS7341L-2A-E4	8 Pin Gull Wing	Under Development	A	PS7141-2A will work
AQW214S	PS7241-2A	8 Pin SOP		A	
AQW214SX	PS7241-2A-F3	8 Pin SOP		A	
AQW214SZ	PS7241-2A-F4	8 Pin SOP		A	
AQW215	PS7113-2A	8 Pin DIP		A	
AQW215A	PS7113L-2A	8 Pin Gull Wing		A	
AQW215AX	PS7113L-2A-E3	8 Pin Gull Wing		A	
AQW215AZ	PS7113L-2A-E4	8 Pin Gull Wing		A	
AQW216	PS7160-2A	8 Pin DIP		A	
AQW216A	PS7160L-2A	8 Pin Gull Wing		A	
AQW216AX	PS7160L-2A-E3	8 Pin Gull Wing		A	
AQW216AZ	PS7160L-2A-E3	8 Pin Gull Wing		A	

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Aromat	Cross	Package	Sales Tip(s)	Code	Comment(s)
AQW217	PS7122-2A	8 Pin DIP		A	
AQW217A	PS7122L-2A	8 Pin Gull Wing		A	
AQW217AX	PS7122L-2A-E3	8 Pin Gull Wing		A	
AQW217AZ	PS7122L-2A-E4	8 Pin Gull Wing		A	
AQW224N	No Cross	8 Pin DIP		D	
AQW224NA	No Cross	8 Pin Gull Wing		D	
AQW224NAX	No Cross	8 Pin Gull Wing		D	
AQW224NAZ	No Cross	8 Pin Gull Wing		D	
AQW225N	No Cross	8 Pin DIP		D	
AQW225NA	No Cross	8 Pin Gull Wing		D	
AQW225NAX	No Cross	8 Pin Gull Wing		D	
AQW225NAZ	No Cross	8 Pin Gull Wing		D	
AQW227N	No Cross	8 Pin DIP		D	
AQW227NA	No Cross	8 Pin Gull Wing		D	
AQW227NAX	No Cross	8 Pin Gull Wing		D	
AQW227NAZ	No Cross	8 Pin Gull Wing		D	
AQW254	PS7141-2A	8 Pin DIP		A	
AQW254A	PS7141L-2A	8 Pin Gull Wing		A	
AQW254AX	PS7141L-2A-E3	8 Pin Gull Wing		A	
AQW254AZ	PS7141L-2A-E4	8 Pin Gull Wing		A	
AQW272	PS710A-1A			C	
AQW272A	PS710AL-1A			C	
AQW272AX	PS710A-1A-E3			C	
AQW272AZ	PS710A-1A-E4			C	
AQW274	No Cross			D	
AQW274A	No Cross			D	
AQW274AX	No Cross			D	
AQW274AZ	No Cross			D	
AQW275	No Cross			D	
AQW275A	No Cross			D	
AQW275AX	No Cross			D	
AQW275AZ	No Cross			D	
AQW277	No Cross			D	
AQW277A	No Cross			D	
AQW277AX	No Cross			D	
AQW277AZ	No Cross			D	
AQW414	PS7141-2B	8 Pin DIP		A	
AQW414A	PS7141L-2B	8 Pin Gull Wing		A	
AQW414AX	PS7141L-2B-E3	8 Pin Gull Wing		A	
AQW414AZ	PS7141L-2B-E4	8 Pin Gull Wing		A	
AQW414EH	PS7341-2B	8 Pin DIP	Under Development	A	PS7141-2B will work
AQW414EHA	PS7341L-2B	8 Pin Gull Wing	Under Development	A	PS7141-2B will work
AQW414EHAX	PS7341L-2B-E3	8 Pin Gull Wing	Under Development	A	PS7141-2B will work
AQW414EHAZ	PS7341L-2B-E4	8 Pin Gull Wing	Under Development	A	PS7141-2B will work
AQW610EH	PS7341-1C	8 Pin DIP	Under Development	A	PS7141-1C will work
AQW610EHA	PS7341L-1C	8 Pin Gull Wing	Under Development	A	PS7141-1C will work
AQW610EHAX	PS7341L-1C-E3	8 Pin Gull Wing	Under Development	A	PS7141-1C will work
AQW610EHAZ	PS7341L-1C-E3	8 Pin Gull Wing	Under Development	A	PS7141-1C will work
AQW610S	PS7241-2A	8 Pin SOP		A	
AQW610SX	PS7241-2A-F3	8 Pin SOP		A	
AQW610SZ	PS7241-2A-F4	8 Pin SOP		A	
AQW614	PS7141-1C	8 Pin DIP		A	
AQW614A	PS7141L-1C	8 Pin Gull Wing		A	
AQW614AX	PS7141L-1C-E3	8 Pin Gull Wing		A	
AQW614AZ	PS7141L-1C-E4	8 Pin Gull Wing		A	
AQW614EH	PS7341-1C	8 Pin DIP	Under Development	A	PS7141-1C will work
AQW614EHA	PS7341L-1C	8 Pin Gull Wing	Under Development	A	PS7141-1C will work

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AQW614EHAX	PS7341L-1C-E3	8 Pin Gull Wing	Under Development	A	PS7141-1C will work
AQW614EHAZ	PS7341L-1C-E3	8 Pin Gull Wing	Under Development	A	PS7141-1C will work
AQX21444	No Cross			D	
AQY210EH	PS7441-1A	4 Pin DIP	Under Development	A	PS7241-1A will work
AQY210EHA	PS7441-1A	4 Pin DIP	Under Development	A	PS7241-1A will work
AQY210EHAX	PS7441-1A-F3	4 Pin DIP	Under Development	A	PS7241-1A will work
AQY210EHAZ	PS7441-1A-F3	4 Pin DIP	Under Development	A	PS7241-1A will work
AQY210HL	PS7241C-1A	4 Pin DIP	NEC is smaller 4 Pin SOP	A	
AQY210HLA	PS7241C-1A	4 Pin DIP	NEC is smaller 4 Pin SOP	A	
AQY210HLAX	PS7241C-1A-F3	4 Pin DIP	NEC is smaller 4 Pin SOP	A	
AQY210HLAZ	PS7241C-1A-F4	4 Pin DIP	NEC is smaller 4 Pin SOP	A	
AQY210LS	PS7241C-1A	4 Pin SOP		A	
AQY210LSX	PS7241C-1A-F3	4 Pin SOP		A	
AQY210LSZ	PS7241C-1A-F4	4 Pin SOP		A	
AQY210S	PS7241-1A	4 Pin SOP		A	
AQY210SX	PS7241-1A-F3	4 Pin SOP		A	
AQY210SZ	PS7241-1A-F4	4 Pin SOP		A	
AQY214EH	PS7441-1A	4 Pin DIP	Under Development	A	PS7241-1A will work
AQY214EHA	PS7441-1A	4 Pin DIP	Under Development	A	PS7241-1A will work
AQY214EHAX	PS7441-1A-F3	4 Pin DIP	Under Development	A	PS7241-1A will work
AQY214EHAZ	PS7441-1A-F3	4 Pin DIP	Under Development	A	PS7241-1A will work
AQY214S	PS7241-1A	4 Pin SOP		A	
AQY214SX	PS7241-1A-F3	4 Pin SOP		A	
AQY214SZ	PS7241-1A-F4	4 Pin SOP		A	
AQY221N1S	PS7200A-1A		NEC is lower C/R/C*R	B	
AQY221N1SX	PS7200A-1A-E3		NEC is lower C/R/C*R	B	
AQY221N1SZ	PS7200A-1A-E4		NEC is lower C/R/C*R	B	
AQY221N2S	PS7200J-1A		NEC is lower C/R/C*R	B	
AQY221N2SX	PS7200J-1A-F3		NEC is lower C/R/C*R	B	
AQY221N2SZ	PS7200J-1A-F4		NEC is lower C/R/C*R	B	
AQY272A	PS710A-1A		NEC is 30% Smaller	C	
AQY272AX	PS710A-1A-E3		NEC is 30% Smaller	C	
AQY272AZ	PS710A-1A-E4		NEC is 30% Smaller	C	
AQY274A	PS7342-1A		NEC is 30% Smaller	C	
AQY274AX	PS7342-1A-E3		NEC is 30% Smaller	C	
AQY274AZ	PS7342-1A-E4		NEC is 30% Smaller	C	
AQY275A	No Cross			D	
AQY275AX	No Cross			D	
AQY275AZ	No Cross			D	
AQY277A	No Cross			D	
AQY277AX	No Cross			D	
AQY277AZ	No Cross			D	
AQY410EH	PS7441-1B	4 Pin DIP	Under Development	A	PS7241-1B will work
AQY410EHA	PS7441-1B	4 Pin DIP	Under Development	A	PS7241-1B will work
AQY410EHAX	PS7441-1B-F3	4 Pin DIP	Under Development	A	PS7241-1B will work
AQY410EHAZ	PS7441-1B-F4	4 Pin DIP	Under Development	A	PS7241-1B will work
AQY410S	PS7241-1B	4 Pin SOP		A	
AQY410SX	PS7241-1B-F3	4 Pin SOP		A	
AQY410SZ	PS7241-1B-F4	4 Pin SOP		A	
AQY414EH	PS7441-1B	4 Pin DIP	Under Development	A	PS7241-1B will work
AQY414EHA	PS7441-1B	4 Pin DIP	Under Development	A	PS7241-1B will work
AQY414EHAX	PS7441-1B-F3	4 Pin DIP	Under Development	A	PS7241-1B will work
AQY414EHAZ	PS7441-1B-F4	4 Pin DIP	Under Development	A	PS7241-1B will work
AQY414S	PS7241-1B	4 Pin SOP		A	
AQY414SX	PS7241-1B-F3	4 Pin SOP		A	
AQY414SZ	PS7241-1B-F4	4 Pin SOP		A	
AQZ202	PS710A-1A	SIPP		C	

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Aromat	Cross	Package	Sales Tip(s)	Code	Comment(s)
AQZ202D	PS710A-1A	SIPP		D	
AQZ202V	PS710A-1A	SIPP		C	
AQZ204	No Cross	SIPP		D	
AQZ204D	No Cross	SIPP		D	
AQZ204V	No Cross	SIPP		D	
AQZ205	PS710A-1A	SIPP		C	
AQZ205D	No Cross	SIPP		D	
AQZ205V	PS710A-1A	SIPP		C	
AQZ207	No Cross	SIPP		D	
AQZ207D	No Cross	SIPP		D	
AQZ207V	PS710A-1A	SIPP		C	
AQZ262	No Cross	SIPP		D	
AQZ264	No Cross	SIPP		D	
AQZ404	No Cross	SIPP		D	
I/O Relays	No Cross			D	

CP Clare	Cross	Package	Sales Tip(s)	Code	Comment(s)
CPC1030N	PS7241-1A		NEC = Ron 30ohms	B	
CPC1030NS	PS7241-1A		NEC = Ron 30ohms	B	
CPC1030NSTR	PS7241-1A-F3		NEC = Ron 30ohms	B	
CPC1035N	PS7241-1A		NEC = Ron 30ohms	B	
CPC1035NS	PS7241-1A		NEC = Ron 30ohms	B	
CPC1035NSTR	PS7241-1A-F3		NEC = Ron 30ohms	B	
CPC1050NS	PS7241-1B		NEC = Ron 30ohms	B	
CPC1150N	PS7241-1B		NEC = Ron 30ohms	B	
CPC5600A	No Cross			D	
CPC5601	No Cross			D	
CPC5602C	No Cross			D	
CPC5604	No Cross			D	
CPC5610	No Cross			D	
IAA110P	No Cross			D	
IAA110P	No Cross			D	
IAA110PS	No Cross			D	
IAA110PS	No Cross			D	
IAA110PSTR	No Cross			D	
IAA110PSTR	No Cross			D	
IAB110P	No Cross			D	
IAB110P	No Cross			D	
IAB110PS	No Cross			D	
IAB110PS	No Cross			D	
IAB110PSTR	No Cross			D	
IAB110PSTR	No Cross			D	
IAD110P	No Cross			D	
IAD110PS	No Cross			D	
IAD110PSTR	No Cross			D	
IAD170P	No Cross			D	
IAD170PS	No Cross			D	
IAD170PSTR	No Cross			D	
IBB110P	No Cross			D	
IBB110PS	No Cross			D	
IBB110PSTR	No Cross			D	
IBB170	No Cross			D	
IBB170S	No Cross			D	
IBB170STR	No Cross			D	
ITC117	PS7241-AT5	8 Pin DIP	NEC 8 Pin SOP(Dual Footprint)	C	
ITC117S	PS7241-AT5	8 Pin Gull Wing	NEC 8 Pin SOP(Dual Footprint)	C	

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CP Clare	Cross	Package	Sales Tip(s)	Code	Comment(s)
ITC117STR	PS7241-AT5-F3	8 Pin Gull Wing	NEC 8 Pin SOP(Dual Footprint)	C	
ITC135	PS7241-AT5	8 Pin DIP	NEC 8 Pin SOP(Dual Footprint)	C	
ITC135S	PS7241-AT5	8 Pin Gull Wing	NEC 8 Pin SOP(Dual Footprint)	C	
ITC135STR	PS7241-AT5-F3	8 Pin Gull Wing	NEC 8 Pin SOP(Dual Footprint)	C	
ITC137	PS7241-AT5	8 Pin DIP	NEC 8 Pin SOP(Dual Footprint)	C	
ITC137S	PS7241-AT5	8 Pin Gull Wing	NEC 8 Pin SOP(Dual Footprint)	C	
ITC137STR	PS7241-AT5-F3	8 Pin Gull Wing	NEC 8 Pin SOP(Dual Footprint)	C	
LAA110	PS7141-2A	8 Pin DIP		A	
LAA110S	PS7141L-2A	8 Pin Gull Wing		A	
LAA110STR	PS7141L-2A-E3	8 Pin Gull Wing		A	
LAA120	PS7122A-2A	8 Pin DIP		A	
LAA120S	PS7122AL-2A	8 Pin Gull Wing		A	
LAA120STR	PS7122AL-2A-E3	8 Pin Gull Wing		A	
LAA125	PS7142-2A	8 Pin DIP	NEC Ron = 12max/VL = 400	B	
LAA125S	PS7142L-2A	8 Pin Gull Wing	NEC Ron = 12max/VL = 400	B	
LAA125STR	PS7142L-2A-E3	8 Pin Gull Wing	NEC Ron = 12max/VL = 400	B	
LAA126	PS7122A-2A	8 Pin DIP	NEC Ron = 8ohms max	B	
LAA126S	PS7122AL-2A	8 Pin Gull Wing	NEC Ron = 8ohms max	B	
LAA126STR	PS7122AL-2A-E3	8 Pin Gull Wing	NEC Ron = 8ohms max	B	
LAA127	PS7122A-2A	8 Pin DIP	NEC Ron = 8ohms max	B	
LAA127S	PS7122AL-2A	8 Pin Gull Wing	NEC Ron = 8ohms max	B	
LAA127STR	PS7122AL-2A-E3	8 Pin Gull Wing	NEC Ron = 8ohms max	B	
LBA110	PS7141-1C	8 Pin DIP		A	
LBA110S	PS7141L-1C	8 Pin Gull Wing		A	
LBA110STR	PS7141L-1C-E3	8 Pin Gull Wing		A	
LBA120	PS7141-1C	8 Pin DIP	NEC VL = 400V	B	
LBA120S	PS7141L-1C	8 Pin Gull Wing	NEC VL = 400V	B	
LBA120STR	PS7141L-1C-E3	8 Pin Gull Wing	NEC VL = 400V	B	
LBA126	PS7122A-1C	8 Pin DIP	NEC Ron=4.5ohms IF = 250mA	B	
LBA126S	PS7122AL-1C	8 Pin Gull Wing	NEC Ron=4.5ohms IF = 250mA	B	
LBA126STR	PS7122AL-1C-E3	8 Pin Gull Wing	NEC Ron=4.5ohms IF = 250mA	B	
LBA127	PS7122-1C	8 Pin DIP	NEC Ron=4.5ohms IF = 250mA	B	
LBA127S	PS7122AL-1C	8 Pin Gull Wing	NEC Ron=4.5ohms IF = 250mA	B	
LBA127STR	PS7122AL-1C-E3	8 Pin Gull Wing	NEC Ron=4.5ohms IF = 250mA	B	
LBB110	PS7141-2B	8 Pin DIP		A	
LBB110S	PS7141L-2B	8 Pin Gull Wing		A	
LBB110STR	PS7141L-2B-E3	8 Pin Gull Wing		A	
LBB120	PS7122A-2B	8 Pin DIP	NEC Ron = 4.5ohms	A	
LBB120S	PS7122AL-2B	8 Pin Gull Wing	NEC Ron = 4.5ohms	A	
LBB120STR	PS7122AL-2B-E3	8 Pin Gull Wing	NEC Ron = 4.5ohms	A	
LBB126	PS7122A-2B	8 Pin DIP	NEC Ron = 4.5ohms	A	
LBB126S	PS7122AL-2B	8 Pin Gull Wing	NEC Ron = 4.5ohms	A	
LBB126STR	PS7122AL-2B-E3	8 Pin Gull Wing	NEC Ron = 4.5ohms	A	
LBB127	PS7122A-2B	8 Pin DIP	NEC Ron = 4.5ohms	A	
LBB127S	PS7122AL-2B	8 Pin DIP	NEC Ron = 4.5ohms	A	
LBB127STR	PS7122AL-2B-E3	8 Pin DIP	NEC Ron = 4.5ohms	A	
LCA100	PS7341-1A			A	
LCA100S	PS7341L-1A			A	
LCA100STR	PS7341L-1A-E3			A	
LCA110	PS7341-1A			A	
LCA110S	PS7341L-1A			A	
LCA11STR	PS7341L-1A-E3			A	
LCA120	PS7122A-1A		NEC Ron = 4.5ohms	A	
LCA120S	PS7122AL-1A		NEC Ron = 4.5ohms	A	
LCA120STR	PS7122AL-1A-E3		NEC Ron = 4.5ohms	A	
LCA125	PS7122A-1A		NEC Ron = 4.5ohms	A	
LCA125S	PS7122AL-1A		NEC Ron = 4.5ohms	A	

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LCA125STR	PS7122AL-1A-E3		NEC Ron = 4.5ohms	A	
LCA126	PS7342-1A		NEC VL = 400V	B	
LCA126S	PS7342L-1A		NEC VL = 400V	B	
LCA126STR	PS7342L-1A-E3		NEC VL = 400V	B	
LCA127	PS7122A-1A		NEC Ron = 4.5ohms	A	
LCA127S	PS7122AL-1A		NEC Ron = 4.5ohms	A	
LCA127STR	PS7122AL-1A-E3		NEC Ron = 4.5ohms	A	
LCA710	PS710A-1A		NEC Ron = .1ohms	B	
LCA710S	PS710AL-1A		NEC Ron = .1ohms	B	
LCA710STR	PS710AL-1A-E3		NEC Ron = .1ohms	B	
LCB110	PS7341-1B			A	
LCB110S	PS7341L-1B			A	
LCB110STR	PS7341L-1B-E3			A	
LCB120	PS7122A-1B		NEC Ron = 4.5ohms	B	
LCB120S	PS7122AL-1B		NEC Ron = 4.5ohms	B	
LCB120STR	PS7122AL-1B-E3		NEC Ron = 4.5ohms	B	
LCB126	PS7122A-1B		NEC Ron = 4.5ohms	B	
LCB126S	PS7122AL-1B		NEC Ron = 4.5ohms	B	
LCB126STR	PS7122AL-1B-E3		NEC Ron = 4.5ohms	B	
LCB127	PS7122A-1B		NEC Ron = 4.5ohms	B	
LCB127S	PS7122AL-1B		NEC Ron = 4.5ohms	B	
LCB127STR	PS7122AL-1B-E3		NEC Ron = 4.5ohms	B	
LCC110	PS7141-1C	8 Pin DIP	NEC VL = 400V	A	
LCC110S	PS7141L-1C	8 Pin Gull Wing	NEC VL = 400V	A	
LCC110STR	PS7141L-1C-E3	8 Pin Gull Wing	NEC VL = 400V	A	
LCC120	PS7122A-1C	8 Pin DIP	NEC Ron = 4.5ohms	A	
LCC120S	PS7122AL-1C	8 Pin Gull Wing	NEC Ron = 4.5ohms	A	
LCC120STR	PS7122AL-1C-E3	8 Pin Gull Wing	NEC Ron = 4.5ohms	A	
LDA100	PS2605			A	
LDA100S	PS2605L			A	
LDA100STR	PS2605L-E3			A	
LDA101	PS2601			A	
LDA101S	PS2601L			A	
LDA101STR	PS2601L-E3			A	
LDA110	PS2603			A	
LDA110S	PS2603L			A	
LDA110STR	PS2603L-E3			A	
LDA111	PS2607			A	
LDA111S	PS2607L			A	
LDA111STR	PS2607L-E3			A	
LDA200	PS2505-2			A	
LDA200S	PS2505L-2			A	
LDA200STR	PS2505L-2-E3			A	
LDA201	PS2501-2			A	
LDA201S	PS2501L-2			A	
LDA201STR	PS2501L-2-E3			A	
LDA210	PS2506-2			A	
LDA210S	PS2506L-2			A	
LDA210STR	PS2506L-2-E3			A	
LDA211	PS2502-2			A	
LDA211S	PS2502L-2			A	
LDA211STR	PS2502L-2-E3			A	
LIA100	No Cross			D	
LIA101	No Cross			D	
LOC110	No Cross			D	
LOC110S	No Cross			D	
LOC110STR	No Cross			D	

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CP Clare	Cross	Package	Sales Tip(s)	Code	Comment(s)
LOC111	No Cross			D	
LOC111S	No Cross			D	
LOC111STR	No Cross			D	
LOC112	No Cross			D	
LOC112S	No Cross			D	
LOC112STR	No Cross			D	
LOC210	PS8741		NEC is SOP16	C	
LOC210S	PS8741		NEC is SOP16	C	
LOC210STR	PS8741-F3		NEC is SOP16	C	
OAA160	PS7122A-2A	8 Pin DIP	NEC Ron = 4.5ohms	B	
OAA160S	PS7122AL-2A	8 Pin Gull Wing	NEC Ron = 4.5ohms	B	
OAA160STR	PS7122AL-2A-E3	8 Pin Gull Wing	NEC Ron = 4.5ohms	B	
OMA160	PS7122A-1B		NEC Ron = 4.5ohms	B	
OMA160S	PS7122AL-1B		NEC Ron = 4.5ohms	B	
OMA160STR	PS7122AL-1B-E3		NEC Ron = 4.5ohms	B	
PAA110	PS7141-2A	8 Pin DIP		A	
PAA110L	PS7341C-2A	8 Pin DIP	Under Development	A	
PAA110LS	PS7341CL-2A	8 Pin Gull Wing	Under Development	A	
PAA110LSTR	PS7341CL-2A	8 Pin Gull Wing	Under Development	A	
PAA110S	PS7141L-2A	8 Pin Gull Wing		A	
PAA110STR	PS7141L-2A-E3	8 Pin Gull Wing		A	
PAA140	PS7142A-2A	8 Pin DIP		A	
PAA140S	PS7142AL-2A	8 Pin Gull Wing		A	
PAA140STR	PS7142AL-2A-E3	8 Pin Gull Wing		A	
PCS1050NSTR	PS7241-1B-F3		NEC = Ron 30ohms	B	
PLA110	PS7341-1A			A	
PLA110S	PS7341L-1A			A	
PLA110STR	PS7341L-1A-E3			A	
PLA140	PS7142-1A			A	
PLA140S	PS7142L-1A			A	
PLA140STR	PS7142L-1A			A	
PLA160	PS7360-1A		NEC VL = 600V	B	
PLA160S	PS7360L-1A		NEC VL = 600V	B	
PLA160STR	PS7360L-1A-E3		NEC VL = 600V	B	
PLCA110	No Cross			D	
PLCA110S	No Cross			D	
PLCA110STR	No Cross			D	
TS112	PS7241-AT5	8 Pin SOP		A	
TS112S	PS7241-AT5	8 Pin SOP		A	
TS112STR	PS7241-AT5-F3	8 Pin SOP		A	
TS117	PS7241-AT5	8 Pin DIP	NEC 8 Pin SOP(Dual Footprint)	C	
TS117L	PS7241C-AT5	8 Pin DIP	NEC 8 Pin SOP(Dual Footprint)	C	
TS117LS	PS7241C-AT5	8 Pin Gull Wing	NEC 8 Pin SOP(Dual Footprint)	C	
TS117LSTR	PS7241C-AT5-F3	8 Pin Gull Wing	NEC 8 Pin SOP(Dual Footprint)	C	
TS117P	PS7241-AT5	8 Pin DIP	NEC 8 Pin SOP(Dual Footprint)	C	
TS117PLS	PS7241C-AT5	8 Pin Gull Wing	NEC 8 Pin SOP(Dual Footprint)	C	
TS117PLSTR	PS7241C-AT5-F3	8 Pin Gull Wing	NEC 8 Pin SOP(Dual Footprint)	C	
TS117PS	PS7241-AT5	8 Pin Gull Wing	NEC 8 Pin SOP(Dual Footprint)	C	
TS117PSTR	PS7241-AT5-F3	8 Pin Gull Wing	NEC 8 Pin SOP(Dual Footprint)	C	
TS117S	PS7241-AT5	8 Pin Gull Wing	NEC 8 Pin SOP(Dual Footprint)	C	
TS117STR	PS7241-AT5-F3	8 Pin Gull Wing	NEC 8 Pin SOP(Dual Footprint)	C	
TS118	PS7241-AT5	8 Pin DIP	NEC 8 Pin SOP(Dual Footprint)	C	
TS118L	PS7241C-AT5	8 Pin DIP	NEC 8 Pin SOP(Dual Footprint)	C	
TS118LS	PS7241C-AT5	8 Pin Gull Wing	NEC 8 Pin SOP(Dual Footprint)	C	
TS118LSTR	PS7241C-AT5-F3	8 Pin Gull Wing	NEC 8 Pin SOP(Dual Footprint)	C	
TS118P	PS7241-AT5	8 Pin DIP	NEC 8 Pin SOP(Dual Footprint)	C	
TS118PLS	PS7241C-AT5	8 Pin Gull Wing	NEC 8 Pin SOP(Dual Footprint)	C	

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TS118PLSTR	PS7241C-AT5-F3	8 Pin Gull Wing	NEC 8 Pin SOP(Dual Footprint)	C	
TS118PS	PS7241-AT5	8 Pin Gull Wing	NEC 8 Pin SOP(Dual Footprint)	C	
TS118PSTR	PS7241-AT5-F3	8 Pin Gull Wing	NEC 8 Pin SOP(Dual Footprint)	C	
TS118S	PS7241-AT5	8 Pin Gull Wing	NEC 8 Pin SOP(Dual Footprint)	C	
TS118STR	PS7241-AT5-F3	8 Pin Gull Wing	NEC 8 Pin SOP(Dual Footprint)	C	
TS120	PS7241-AT5	8 Pin DIP	NEC 8 Pin SOP(Dual Footprint)	C	
TS120L	PS7241C-AT5	8 Pin DIP	NEC 8 Pin SOP(Dual Footprint)	C	
TS120LS	PS7241C-AT5	8 Pin Gull Wing	NEC 8 Pin SOP(Dual Footprint)	C	
TS120LSTR	PS7241C-AT5-F3	8 Pin Gull Wing	NEC 8 Pin SOP(Dual Footprint)	C	
TS120P	PS7241-AT5	8 Pin DIP	NEC 8 Pin SOP(Dual Footprint)	C	
TS120PLS	PS7241C-AT5	8 Pin Gull Wing	NEC 8 Pin SOP(Dual Footprint)	C	
TS120PLSTR	PS7241C-AT5-F3	8 Pin Gull Wing	NEC 8 Pin SOP(Dual Footprint)	C	
TS120PS	PS7241-AT5	8 Pin Gull Wing	NEC 8 Pin SOP(Dual Footprint)	C	
TS120PSTR	PS7241-AT5-F3	8 Pin Gull Wing	NEC 8 Pin SOP(Dual Footprint)	C	
TS120S	PS7241-AT5	8 Pin Gull Wing	NEC 8 Pin SOP(Dual Footprint)	C	
TS120STR	PS7241-AT5-F3	8 Pin Gull Wing	NEC 8 Pin SOP(Dual Footprint)	C	
TS122	PS7241-AT5	8 Pin DIP	NEC 8 Pin SOP(Dual Footprint)	C	
TS122L	PS7241C-AT5	8 Pin DIP	NEC 8 Pin SOP(Dual Footprint)	C	
TS122LS	PS7241C-AT5	8 Pin Gull Wing	NEC 8 Pin SOP(Dual Footprint)	C	
TS122LSTR	PS7241C-AT5-F3	8 Pin Gull Wing	NEC 8 Pin SOP(Dual Footprint)	C	
TS122P	PS7241-AT5	8 Pin DIP	NEC 8 Pin SOP(Dual Footprint)	C	
TS122PLS	PS7241C-AT5	8 Pin Gull Wing	NEC 8 Pin SOP(Dual Footprint)	C	
TS122PLSTR	PS7241C-AT5-F3	8 Pin Gull Wing	NEC 8 Pin SOP(Dual Footprint)	C	
TS122PS	PS7241-AT5	8 Pin Gull Wing	NEC 8 Pin SOP(Dual Footprint)	C	
TS122PSTR	PS7241-AT5-F3	8 Pin Gull Wing	NEC 8 Pin SOP(Dual Footprint)	C	
TS122S	PS7241-AT5	8 Pin Gull Wing	NEC 8 Pin SOP(Dual Footprint)	C	
TS122STR	PS7241-AT5-F3	8 Pin Gull Wing	NEC 8 Pin SOP(Dual Footprint)	C	
TS190	PS7241-AT5	8 Pin DIP	NEC 8 Pin SOP(Dual Footprint)	C	
TS190L	PS7241C-AT5	8 Pin DIP	NEC 8 Pin SOP(Dual Footprint)	C	
TS190LS	PS7241C-AT5	8 Pin Gull Wing	NEC 8 Pin SOP(Dual Footprint)	C	
TS190LSTR	PS7241C-AT5-F3	8 Pin Gull Wing	NEC 8 Pin SOP(Dual Footprint)	C	
TS190P	PS7241-AT5	8 Pin DIP	NEC 8 Pin SOP(Dual Footprint)	C	
TS190PLS	PS7241C-AT5	8 Pin Gull Wing	NEC 8 Pin SOP(Dual Footprint)	C	
TS190PLSTR	PS7241C-AT5-F3	8 Pin Gull Wing	NEC 8 Pin SOP(Dual Footprint)	C	
TS190PS	PS7241-AT5	8 Pin Gull Wing	NEC 8 Pin SOP(Dual Footprint)	C	
TS190PSTR	PS7241-AT5-F3	8 Pin Gull Wing	NEC 8 Pin SOP(Dual Footprint)	C	
TS190S	PS7241-AT5	8 Pin Gull Wing	NEC 8 Pin SOP(Dual Footprint)	C	
TS190STR	PS7241-AT5-F3	8 Pin Gull Wing	NEC 8 Pin SOP(Dual Footprint)	C	
XAA170	PS7141-2A		NEC Ron = 25ohms	B	
XAA170S	PS7141L-2A		NEC Ron = 25ohms	B	
XAA170STR	PS7141L-2A-E3		NEC Ron = 25ohms	B	
XBA170	PS7141-1C		NEC Ron = 25ohms	B	
XBA170S	PS7141L-1C		NEC Ron = 25ohms	B	
XBA170STR	PS7141L-1C-E3		NEC Ron = 25ohms	B	
XCA170	PS7341-1A		NEC Ron = 20ohms	A	
XCA170S	PS7341L-1A		NEC Ron = 20ohms	A	
XCA170STR	PS7341L-1A-E3		NEC Ron = 20ohms	A	
XCB170	PS7341-1B		NEC Ron = 20ohms	B	
XCB170S	PS7341L-1B		NEC Ron = 20ohms	B	
XCB170STR	PS7341L-1B-E3		NEC Ron = 20ohms	B	
XS170	PS7241-AT5	8 Pin DIP	NEC 8 Pin SOP(Dual Footprint)	C	
XS170L	PS7241C-AT5	8 Pin DIP	NEC 8 Pin SOP(Dual Footprint)	C	
XS170LS	PS7241C-AT5	8 Pin Gull Wing	NEC 8 Pin SOP(Dual Footprint)	C	
XS170LSTR	PS7241C-AT5-F3	8 Pin Gull Wing	NEC 8 Pin SOP(Dual Footprint)	C	
XS170P	PS7241-AT5	8 Pin DIP	NEC 8 Pin SOP(Dual Footprint)	C	
XS170PLS	PS7241C-AT5	8 Pin Gull Wing	NEC 8 Pin SOP(Dual Footprint)	C	
XS170PLSTR	PS7241C-AT5-F3	8 Pin Gull Wing	NEC 8 Pin SOP(Dual Footprint)	C	

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XS170PS	PS7241-AT5	8 Pin Gull Wing	NEC 8 Pin SOP(Dual Footprint)	C	
XS170PSTR	PS7241-AT5-F3	8 Pin Gull Wing	NEC 8 Pin SOP(Dual Footprint)	C	
XS170S	PS7241-AT5	8 Pin Gull Wing	NEC 8 Pin SOP(Dual Footprint)	C	
XS170STR	PS7241-AT5-F3	8 Pin Gull Wing	NEC 8 Pin SOP(Dual Footprint)	C	

Siemens	Cross	Package	Sales Tip(s)	Code	Comment(s)
LH1500AT	PS7341C-1A	6 Pin DIP		B	
LH1500AAB	PS7341CL-1A	6 Pin Gull Wing		B	
LH1500AAB-TR	PS7341CL-1A-E3	6 Pin Gull Wing		B	
LH1504AT	PS7341T-1A	6 Pin DIP		B	
LH1504AAB	PS7341TL-1A	6 Pin Gull Wing		B	
LH1504AAB-TR	PS73411TL-1A-E3	6 Pin Gull Wing		B	
LH1510AT	PS7122A-1A	6 Pin DIP		B	
LH1510AAB	PS7122AL-1A	6 Pin Gull Wing		B	
LH1510AAB-TR	PS7122AL-1A-E3	6 Pin Gull Wing		B	
LH1516AT	PS7341C-1A	6 Pin DIP		B	
LH1516AAB	PS7341CL-1A	6 Pin Gull Wing		B	
LH1516AAB-TR	PS7341CL-1A-E3	6 Pin Gull Wing		B	
LH1517AT	PS7113-1A	6 Pin DIP		B	
LH1517AAB	PS7113L-1A	6 Pin Gull Wing		B	
LH1517AAB-TR	PS7113L-1A-E3	6 Pin Gull Wing		B	
LH1518AT	PS7341C-1A	6 Pin DIP		B	
LH1518AAB	PS7341CL-1A	6 Pin Gull Wing		B	
LH1518AAB-TR	PS7341CL-1A-E3	6 Pin Gull Wing		B	
LH1519AT	PS7341C-1A	6 Pin DIP		B	
LH1519AAB	PS7341CL-1A	6 Pin Gull Wing		B	
LH1519AAB-TR	PS7341CL-1A-E3	6 Pin Gull Wing		B	
LH1530AT	PS7341-1A	6 Pin DIP		B	
LH1530AAB	PS7341L-1A	6 Pin Gull Wing		B	
LH1530AAB-TR	PS7341L-1A-E3	6 Pin Gull Wing		B	
LH1535AT	PS7341C-1A	6 Pin DIP		B	
LH1535AAB	PS7341CL-1A	6 Pin Gull Wing		B	
LH1535AAB-TR	PS7341CL-1A-E3	6 Pin Gull Wing		B	
LH1540AT	PS7341C-1A	6 Pin DIP		B	
LH1540AAB	PS7341CL-1A	6 Pin Gull Wing		B	
LH1540AAB-TR	PS7341CL-1A-E3	6 Pin Gull Wing		B	
LH1541AT	PS7122A-1A	6 Pin DIP		B	
LH1541AAB	PS7122AL-1A	6 Pin Gull Wing		B	
LH1541AAB-TR	PS7122AL-1A-E3	6 Pin Gull Wing		B	
LH1550AT	PS7341-1A	6 Pin DIP		B	
LH1550AAB	PS7341L-1A	6 Pin Gull Wing		B	
LH1550AAB-TR	PS7341L-1A-E3	6 Pin Gull Wing		B	
LH1546AT	PS7341C-1A	6 Pin DIP		B	
LH1546AAB	PS7341CL-1A	6 Pin Gull Wing		B	
LH1546AAB-TR	PS7341CL-1A-E3	6 Pin Gull Wing		B	
LH1546AD	PS7241-1A	4 Pin DIP	NEC is 4 Pin SOP	C	
LH1546ADF	PS7241-1A	4 Pin Gull Wing	NEC is 4 Pin SOP	C	
LH1546ADF-TR	PS7241-1A-F3	4 Pin Gull Wing	NEC is 4 Pin SOP	C	
LH1503AB	PS7341C-2A	6 Pin DIP	In Development(PS7141-2A)	B	
LH1503AAB	PS7341CL-2A	6 Pin Gull Wing	In Development(PS7141-2A)	B	
LH1503AAB-TR	PS7341CL-2A-E3	6 Pin Gull Wing	In Development(PS7141-2A)	B	
LH1513AB	PS7122A-2A	8 Pin DiP		B	
LH1513AAC	PS7122AL-2A	8 Pin Gull Wing		B	
LH1513AAC-TR	PS7122AL-2A-E3	8 Pin Gull Wing		B	
LH1505AB	PS7122A-2A	8 Pin DiP		B	
LH1505AAC	PS7122AL-2A	8 Pin Gull Wing		B	

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Siemens	Cross	Package	Sales Tip(s)	Code	Comment(s)
LH1505AAC-TR	PS7122AL-2A-E3	8 Pin Gull Wing		B	
LH1520AB	PS7341C-2A	6 Pin DIP	In Development(PS7141-2A)	B	
LH1520AAC	PS7341CL-2A	6 Pin Gull Wing	In Development(PS7141-2A)	B	
LH1520AAC-TR	PS7341CL-2A-E3	6 Pin Gull Wing	In Development(PS7141-2A)	B	
LH1522AB	PS7122A-2A	8 Pin DiP		B	
LH1522AAC	PS7122AL-2A	8 Pin Gull Wing		B	
LH1522AAC-TR	PS7122AL-2A-E3	8 Pin Gull Wing		B	
LH1524AB	PS7341C-2A	8 Pin DiP	In Development(PS7141-2A)	B	
LH1524AAC	PS7341CL-2A	8 Pin Gull Wing	In Development(PS7141-2A)	B	
LH1524AAC-TR	PS7341CL-2A-E3	8 Pin Gull Wing	In Development(PS7141-2A)	B	
LH1529FP	PS7241-AT5	8 Pin SOP		A	
LH1529FP-TR	PS7241-AT5-F3	8 Pin SOP		A	
LH1529GP	PS7241-AT5	8 Pin SOP		A	
LH1529GP-TR	PS7241-AT5-F3	8 Pin SOP		A	
LH1531AB	PS7141-2A	8 Pin DIP		A	
LH1531AAC	PS7141L-2A	8 Pin Gull Wing		A	
LH1531AAC-TR	PS7141L-2A-E3	8 Pin Gull Wing		A	
LH1532AB	PS7141-2A	8 Pin DIP		A	
LH1532AAC	PS7141L-2A	8 Pin Gull Wing		A	
LH1532AAC-TR	PS7141L-2A-E3	8 Pin Gull Wing		A	
LH1544AB	PS7122A-2A	8 Pin DIP		B	
LH1544AAC	PS7122AL-2A	8 Pin Gull Wing		B	
LH1544AAC-TR	PS7122AL-2A-E3	8 Pin Gull Wing		B	
LH1501AT	PS7341-1B	6 Pin DIP		A	
LH1501AAB	PS7341L-1B	6 Pin Gull Wing		A	
LH1501AAB-TR	PS7341L-1B-E3	6 Pin Gull Wing		A	
LH1511AT	PS7122A-1B	6 Pin DIP		B	
LH1511AAB	PS7122AL-1B	6 Pin Gull Wing		B	
LH1511AAB-TR	PS7122AL-1B-E3	6 Pin Gull Wing		B	
LH1521AB	PS7141-2B	8 Pin DIP		B	
LH1521AAC	PS7141L-2B	8 Pin Gull Wing		B	
LH1521AAC-TR	PS7141L-2B-E3	8 Pin Gull Wing		B	
LH1523AB	PS7122A-2B	8 Pin DIP		B	
LH1523AAC	PS7122AL-2B	8 Pin Gull Wing		B	
LH1523AAC-TR	PS7122AL-2B-E3	8 Pin Gull Wing		B	
LH1502AB	PS7141-1C	8 Pin DIP		B	
LH1502AAC	PS7141L-1C	8 Pin Gull Wing		B	
LH1502AAC-TR	PS7141L-1C-E3	8 Pin Gull Wing		B	
LH1512AB	PS7122A-1C	8 Pin DIP		B	
LH1512AAC	PS7122AL-1C	8 Pin Gull Wing		B	
LH1512AAC-TR	PS7122AL-1C-E3	8 Pin Gull Wing		B	
LH1527AB	No Cross	8 Pin DIP		D	
LH1527AAC	No Cross	8 Pin Gull Wing		D	
LH1527AAC-TR	No Cross	8 Pin Gull Wing		D	
LH1537AB	No Cross	6 Pin DIP		D	
LH1537AAC	No Cross	6 Pin Gull Wing		D	
LH1537AAC-TR	No Cross	6 Pin Gull Wing		D	
LH1525ACD	No Cross	8 Pin SOP		D	
LH1533AB	PS7341-2A	8 Pin DIP	Under Development(PS7141-2A)	B	
LH1533AAC	PS7341L-2A	8 Pin Gull Wing	Under Development(PS7141-2A)	B	
LH1533AAC-TR	PS7341L-2A-E3	8 Pin Gull Wing	Under Development(PS7141-2A)	B	
LH1525AT	PS7141-1A	6 Pin DIP		B	
LH1525AAB	PS7141L-1A	6 Pin Gull Wing		B	
LH1525AAB-TR	PS7141L-1A-E3	6 Pin Gull Wing		B	
LH1526AB	PS7141-2A	8 Pin DIP		B	
LH1526AAB	PS7141L-2A	8 Pin Gull Wing		B	
LH1526AAB-TR	PS7141L-2A-E3	8 Pin Gull Wing		B	

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LH1547AT1	PS7341-1A	6 Pin DIP		B	
LH1547AAB1	PS7341L-1A	6 Pin Gull Wing		B	
LH1547AAB1-TR	PS7341L-1A-E3	6 Pin Gull Wing		B	
LH1191AT1	PS7341-1A	6 Pin DIP		B	
LH1191AAB1	PS7341L-1A	6 Pin Gull Wing		B	
LH1191AAB1-TR	PS7341L-1A-E3	6 Pin Gull Wing		B	
LH1085AT1	PS7341-1A	6 Pin DIP		B	
LH1085AAB1	PS7341L-1A	6 Pin Gull Wing		B	
LH1085AAB1-TR	PS7341L-1A-E3	6 Pin Gull Wing		B	
LH1529AB	No Cross			D	
LH1529AAC	No Cross			D	
LH1529AAC-TR	No Cross			D	
LH1528AB	No Cross			D	
LH1528AAC	No Cross			D	
LH1528AAC-TR	No Cross			D	
LH1539AB	No Cross			D	
LH1539AAC	No Cross			D	
LH1539AAC-TR	No Cross			D	
LH1514AB	PS7141-2A	8 Pin DIP		B	
LH1514AAC	PS7141L-2A	8 Pin Gull Wing		B	
LH1514AAC-TR	PS7141L-2A-E3	8 Pin Gull Wing		B	
LH1262CB	No Cross			D	
LH1262CAC	No Cross			D	
LH1262CAC-TR	No Cross			D	
LH1485AT	No Cross			D	
LH1485AAB	No Cross			D	
LH1485AAB-TR	No Cross			D	

Hewlett Packard	Cross	Package	Sales Tip(s)	Code	Comment(s)
5.96293E+10	PS7113L-1A-E3	6 Pin Gull Wing		B	
HSSR7110	PS7113-1A	6 Pin DIP		B	
HSSR7110-100	No Cross	Non Standard		D	
HSSR7110-200	PS7113-1A	6 Pin DIP		B	
HSSR7110-300	PS7113L-1A-E3	6 Pin Gull Wing		B	
HSSR7110-600	No Cross	Non Standard		D	
HSSR7111	PS7113-1A	6 Pin DIP		B	
HSSR7111-100	No Cross	Non Standard		D	
HSSR7111-200	PS7113-1A	6 Pin DIP		B	
HSSR7111-300	PS7113L-1A-E3	6 Pin Gull Wing		B	
HSSR7111-600	No Cross	Non Standard		D	
HSSR8060	PS710A-1A	6 Pin DIP	NEC is lower Ron 0.1 ohms	B	
HSSR8060-300	PS710AL-1A	6 Pin Gull Wing	NEC is lower Ron 0.1 ohms	B	
HSSR8060-500	PS710AL-1A-E3	6 Pin Gull Wing	NEC is lower Ron 0.1 ohms	B	
HSSR8200	PS7122A-1A	Non Standard	NEC is 6 Pin DIP	C	
HSSR8200-300	PS7122AL-1A	Non Standard	NEC is 6 Pin DIP	C	
HSSR8200-500	PS7122AL-1A-E3	Non Standard	NEC is 6 Pin DIP	C	
HSSR8400	PS7142-1A	6 Pin DIP		A	
HSSR8400-300	PS7142L-1A	6 Pin DIP		A	
HSSR8400-500	PS7142L-1A-E3	6 Pin DIP		A	

Internation Rectifier	Cross	Package	Sales Tip(s)	Code	Comment(s)
PVA1052	PS7113-1A	Non Standard	NEC is standard package	C	
PVA1054	PS7113-1A	Non Standard	NEC is standard package	C	

A = Direct Electrical/Mechanical Replacement
B = Direct Electrical Drop-In Replacement Likely Insignificant Difference
C = Same Electrical Function / Not Drop in Electrical/Mechanical Replacement
D = No Cross

Internation Rectifier	Cross	Package	Sales Tip(s)	Code	Comment(s)
PVA1352	PS7113-1A	Non Standard	NEC is standard package	C	
PVA1354	PS7113-1A	Non Standard	NEC is standard package	C	
PVA2352	PS7122A-1A	Non Standard	NEC is standard package	C	
PVA3054	PS7341-1A	Non Standard	NEC is standard package	C	
PVA3055	PS7341-1A	Non Standard	NEC is standard package	C	
PVA3324	PS7341-1A	Non Standard	NEC is standard package	C	
PVA3354	PS7341-1A	Non Standard	NEC is standard package	C	
PVAZ172N	PS710A-1A	Non Standard	NEC is standard package	C	
PVD1052	PS7113-1A	Non Standard	NEC is standard package	C	
PVD1054	PS7113-1A	Non Standard	NEC is standard package	C	
PVD1352	PS7113-1A	Non Standard	NEC is standard package	C	
PVD2352	PS7113-1A	Non Standard	NEC is standard package	C	
PVD3354	PS7122A-1A	Non Standard	NEC is standard package	C	
PVDZ172N	PS710A-1A	Non Standard	NEC is standard package	C	
PVG612	PS710A-1A	6 Pin DIP	NEC Ron = 0.1 ohms	B	
PVI1050	No Cross	Non Standard		D	
PVI5013	No Cross	Non Standard		D	
PVI5050	No Cross	Non Standard		D	
PVI5100	No Cross	Non Standard		D	
PVN012	PS710A-1A	6 Pin DIP	NEC Ron = 0.1 ohms	B	
PVO402	PS7241-2A	Non Standard	NEC is 1/2 size of IR	C	
PVR1300	PS7113-1A	Non Standard	NEC is standard package	C	
PVR1301	PS7113-1A	Non Standard	NEC is standard package	C	
PVR2300	PS7142-1A	Non Standard	NEC is standard package	C	
PVR3301	PS7142-1A	Non Standard	NEC is standard package	C	
PVT312	PS7122A-1A	6 Pin DIP		B	
PVT312L	PS7122A-1A	6 Pin DIP		B	
PVT322	PS7122A-2A	8 Pin DIP		A	
PVT412	PS7341-1A	6 Pin DIP		A	
PVT412L	PS7341-1A	6 Pin DIP		A	
PVT422	PS7141-2A	8 Pin DIP		B	
PVU414	PS7341-1A	6 Pin DIP		A	

A = Direct Electrical/Mechanical Replacement
B = Direct Electrical Drop-In Replacement Likely Insignificant Difference
C = Same Electrical Function / Not Drop in Electrical/Mechanical Replacement
D = No Cross

TAPE AND REEL AVAILABILITY BY SERIES

SOLID STATE RELAYS

PART NUMBER	PACKAGE QUANTITY	PART NUMBER	PACKAGE QUANTITY

PS71XX SERIES	
PS71XXL-1A-E3	1000
PS71XXL-1B-E3	1000
PS71XXL-1C-E3	1000
PS71XXL-2A-E3	1000
PS71XXL-2B-E3	1000

PS72XX SERIES	
PS72XX-1A-E3	900
PS72XX-1A-F3	3500
PS72XX-1B-E3	1000
PS72XX-1B-F3	3500
PS72XX-1C-F3	1500
PS72XX-2A-F3	1500
PS72XX-2B-F3	1500
PS72XX-AT5-F3	1500
PS72XX-AT1-F3	1500

PS73XX SERIES	
PS73XXL-1A-E3	1000
PS73XXCL-1A-E3	1000
PS7341L-1B-E3	1000

PS75XX SERIES	
PS75XXL-1A-E3	1000
PS75XXL-2A-E3	1000

INTERNATIONAL SAFETY STANDARDS

SOLID STATE RELAYS PARTS NUMBER				PS71XX-1A PS71XX-2A	PS71XX-1B PS71XX-2B PS71XX-1C	PS72XX-1A	PS72XX-2A	PS7241-AT1 PS7241-AT5	PS73XX-1A PS73XXC-1A PS73XXC-1B	PS75XX-1A PS75XX-2A
PARAMETER (Units: mm) (Minimum Dist.)		Outer Creepage Distance		7.0	7.0	7.0	7.0	7.0	7.0	7.0
		Clearance Distance		7.0	7.0	7.0	7.0	7.0	7.0	7.0
		Isolation Distance		0.4	0.4	0.4	0.4	0.4	0.4	0.4
		Inner Creepage Distance		4.0	4.0	4.0	4.0	4.0	4.0	4.0
		Breakdown Voltage		1.5k	1.5k	1.5k	1.5k	1.5k	3.75k	1.5k
Organization	**Country**	**Standard No.**	**NEC Approval No.**							
UL	USA	UL1577	E72422(S)	●	●	⊙	●	●	●	●
CSA	Canada	CL9073X0030	CA101391	⊙	⊙	⊙	⊙	⊙	⊙	⊙
VDE	Germany	VDE0884	See Right Table	⊙	⊙	⊙	⊙	⊙	⊙	⊙
BSI	UK	BS415 /EC55	7112 (4 pin) 7250 (6 pin)	●	●	●	●	●	●	●
		BS7002 /EC950	7240 (4 pin) 7615 (6 pin)	●	⊙	⊙	⊙	●	●	●
SEMKO	Sweden	SS-441-01-55	9317144	–	–	–	–	–		
		SS-EN-60-950	9317144	–	–	–	–	–		
SETI	Finland	E 65-89	167265-08	–	–	–	–	–		
		SFS-EN-60-950	167265-08	–	–	–	–	–		
NEMKO	Norway	NEK-HD 195 S6	A21409	–	–	–	–	–		
		NEK-EN-60-950	A21409	–	–	–	–	–		
DEMKO	Denmark	Section 101	300535	–	–	–	–	–		
		Section 137	300535		–	–	–	–		

● Approved ⊙ Under Application ○ Under Planning — N/A

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