

2. OCMOS FET CROSS-REFERENCE

★ 2-1. MATSUSHITA ELECTRIC WORKS

MATSUSHITA ELECTRIC WORKS (1)

MATSUSHITA ELECTRIC WORKS	PKG	OUT- PUT *1	Type	V _L (V) MAX.	I _L (mA) MAX.	P _r (mW) MAX.	R _{on} (Ω) MAX.	t _{on} /t _{off} (ms) MAX.	NEC Equivalent	
									Type Number	Note
AQV212S	6-SOP	1-a	AC/DC	60	350	450	2.5	2 / 0.2	PS7206-1A	4-pin SOP type
AQV215S	6-SOP	1-a	AC/DC	100	300	450	4.0	2 / 0.2	PS7214-1A	4-pin SOP type
AQV217S	6-SOP	1-a	AC/DC	200	160	450	15.0	1 / 0.2	PS7241-1A	4-pin SOP type
AQV210S	6-SOP	1-a	AC/DC	350	120	450	35.0	0.5 / 0.2	PS7241-1A	4-pin SOP type
AQV214S	6-SOP	1-a	AC/DC	400	100	450	50.0	0.5 / 0.2	PS7241-1A	4-pin SOP type
AQV216S	6-SOP	1-a	AC/DC	600	40	450	120.0	0.5 / 0.2	–	
AQV225NS	6-SOP	1-a	AC/DC	80	120	450	10.0	0.5 / 0.2	PS7214-1A	4-pin SOP type
AQV227NS	6-SOP	1-a	AC/DC	200	50	450	50.0	0.5 / 0.2	PS7241-1A	4-pin SOP type
AQV224NS	6-SOP	1-a	AC/DC	400	40	450	100.0	0.5 / 0.2	PS7241-1A	4-pin SOP type
AQV414S	6-SOP	1-a	AC/DC	400	100	450	50.0	1 / 1	PS7241-1B	4-pin SOP type
AQW210S	8-SOP	2-a	AC/DC	350	100	600	35.0	0.5 / 0.2	PS7241-2A	
AQW214S	8-SOP	2-a	AC/DC	400	80	600	50.0	0.5 / 0.2	PS7241-2A	
AQW210TS	8-SOP	1-a/Tr	AC/DC	350	120	400	35.0	0.5 / 0.2	PS7241-AT5	1a + AC input photocoupler
AQW210T2S	12-SOP	1-a/ 2-Tr	AC/DC	350	120	650	35.0	0.5 / 0.2	–	1a+2CH, AC input photocoupler
AQS210PS	16-SOP	1-a/Tr	AC/DC	350	120	600	25.0	2 / 1	–	For DAA OCMOS FET (1a + AC input photocoupler + Diode bridge + Darlington Tr.)
AQY210S	4-SOP	1-a	AC/DC	350	120	350	25.0	0.5 / 0.2	PS7241-1A	
AQY210LS	4-SOP	1-a	AC/DC	350	120	400	25.0	2 / 1	PS7241C-1A	Stopped the development
AQY214S	4-SOP	1-a	AC/DC	400	100	350	35.0	0.5 / 0.2	PS7241-1A	
AQY221N1S	4-SOP	1-a	AC/DC	40	120	350	12.5	0.5 / 0.2	PS7200R-1A	1.1 pF / 10 Ω
AQY221N2S	4-SOP	1-a	AC/DC	40	120	350	12.5	0.5 / 0.2	PS7200R-1A	1.1 pF / 10 Ω
AQY414S	4-SOP	1-b	AC/DC	400	100	350	35.0	0.5 / 0.2	PS7241-1B	

*1 1: 1CH, 2: 2CH, Tr: Photocoupler, a: Normally-Open, b: Normally-Close, C: Normally-Open / Normally-Close

MATSUSHITA ELECTRIC WORKS (2)

MATSUSHITA ELECTRIC WORKS	PKG	OUT-PUT *1	Type	VL (V) MAX.	IL (mA) MAX.	Pr (mW) MAX.	Ron (Ω) MAX.	ton/toff (ms) MAX.	NEC Equivalent	
									Type Number	Note
AQV101	6-DIP	1-a	DC	40	700	360	0.5	1 / 1	PS710A-1A	$t_{on} / t_{off} = 3 / 1$ ms MAX.
AQV102	6-DIP	1-a	DC	60	600	360	0.7	1 / 1	PS7113-1A	AC/DC type
AQV103	6-DIP	1-a	DC	250	300	360	4.0	1 / 1	PS7141-1A	
AQV104	6-DIP	1-a	DC	400	180	360	8.0	1 / 1	PS7141-1A	
AQV201	6-DIP	1-a	AC/DC	40	500	360	1.0	1 / 1	PS7206-1A	4-pin SOP type
AQV202	6-DIP	1-a	AC/DC	60	400	360	1.4	1 / 1	PS7113-1A	IL : 350 mA MAX.
AQV203	6-DIP	1-a	AC/DC	250	200	360	8.0	1 / 1	PS7142-1A	
AQV204	6-DIP	1-a	AC/DC	400	150	360	16.0	1 / 1	PS7142-1A	
AQV212	6-DIP	1-a	AC/DC	60	400	500	2.5	2 / 0.2	PS7113-1A	IL : 350 mA MAX.
AQV215	6-DIP	1-a	AC/DC	100	320	500	4.0	2 / 0.2	PS7113-1A	
AQV217	6-DIP	1-a	AC/DC	200	180	500	15.0	1 / 0.2	PS7122-1A	
AQV210	6-DIP	1-a	AC/DC	350	130	500	35.0	0.5 / 0.2	PS7141-1A	
AQV214	6-DIP	1-a	AC/DC	400	120	500	50.0	0.5 / 0.2	PS7141-1A	
AQV216	6-DIP	1-a	AC/DC	600	50	500	120.0	0.5 / 0.2	PS7160-1A	
AQV214H *2	6-DIP	1-a	AC/DC	400	120	500	50.0	1 / 0.2	PS7341-1A	BV= 3750 Vr.m.s. MIN.

*1 1: 1CH, 2: 2CH, Tr: Photocoupler, a: Normally-Open, b: Normally-Close, C: Normally-Open/Normally-Close

*2 Isolation voltage : BV = 5000 Vr.m.s. MIN.

MATSUSHITA ELECTRIC WORKS (3)

MATSUSHITA ELECTRIC WORKS	PKG	OUT-PUT *1	Type	VL (V) MAX.	IL (mA) MAX.	Pr (mW) MAX.	Ron (Ω) MAX.	ton/toff (ms) MAX.	NEC Equivalent	
									Type Number	Note
AQV210E	6-DIP	1-a	AC/DC	350	130	500	35.0	2 / 1	PS7141-1A	
AQV214E	6-DIP	1-a	AC/DC	400	120	500	50.0	2 / 1	PS7141-1A	
AQV210EH *2	6-DIP	1-a	AC/DC	350	130	500	35.0	2 / 1	PS7341-1A	BV= 3750 Vr.m.s. MIN.
AQV214EH *2	6-DIP	1-a	AC/DC	400	120	500	50.0	2 / 1	PS7341-1A	
AQV221	6-DIP	1-a	AC/DC	40	80	230	35.0	0.3 / 0.2	PS7200R-1A	4-pin SOP type
AQV221N	6-DIP	1-a	AC/DC	40	150	410	15.0	0.5 / 0.2	PS7200R-1A	4-pin SOP type
AQV225	6-DIP	1-a	AC/DC	80	50	230	50.0	0.3 / 0.1	-	High-speed type
AQV225N	6-DIP	1-a	AC/DC	80	150	360	10.0	0.5 / 0.2	-	
AQV227N	6-DIP	1-a	AC/DC	200	70	360	50.0	0.5 / 0.2	-	
AQV224N	6-DIP	1-a	AC/DC	400	50	360	100.0	0.5 / 0.2	-	
AQV234	6-DIP	1-a	AC/DC	400	120	500	50.0	2 / 1	PS7141-1A	High-sensitivity type

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*2 Isolation voltage : BV = 5000 Vr.m.s. MIN.

MATSUSHITA ELECTRIC WORKS (4)

MATSUSHITA ELECTRIC WORKS	PKG	OUT- PUT *1	Type	VL (V) MAX.	IL (mA) MAX.	Pr (mW) MAX.	Ron (Ω) MAX.	ton/toff (ms) MAX.	NEC Equivalent	
									Type Number	Note
AQV251	6-DIP	1-a	AC/DC	40	500	360	1.0	3 / 0.2	PS7206-1A	4-pin SOP type
AQV252	6-DIP	1-a	AC/DC	60	400	360	1.4	3 / 0.2	PS7113-1A	IL : 350 mA MAX.
AQV255	6-DIP	1-a	AC/DC	100	350	360	2.5	2 / 0.2	PS7113-1A	
AQV257	6-DIP	1-a	AC/DC	200	250	360	4.0	3 / 0.2	PS7122-1A	
AQV253	6-DIP	1-a	AC/DC	250	200	360	8.0	2 / 0.2	PS7142-1A	
AQV254	6-DIP	1-a	AC/DC	400	150	360	16.0	2 / 0.2	PS7141-1A	
AQV259	6-DIP	1-a	AC/DC	1000	30	360	200.0	1 / 0.2	–	Hi-VL type
AQV258	6-DIP	1-a	AC/DC	1500	20	360	500.0	1 / 0.2	–	
AQV253H *2	6-DIP	1-a	AC/DC	250	200	360	8.0	4 / 0.2	PS7342-1A	BV= 3750 Vr.m.s. MIN.
AQV254H *2	6-DIP	1-a	AC/DC	400	150	360	16.0	3 / 0.2	PS7341-1A	
AQV254R	6-DIP	1-a	AC/DC	400	150	360	16.0	2 / 0.2	–	Built-in operating indicator (LED)
AQV257M	6-DIP	1-a	AC/DC	200	250	360	4.0	15 / 10	PS7522-1A	Unpromotive
AQV414	6-DIP	1-b	AC/DC	400	120	500	50.0	1 / 1	PS7141-1B	
AQV414E	6-DIP	1-b	AC/DC	400	120	500	50.0	2 / 1	PS7141-1B	
AQV414EH *2	6-DIP	1-b	AC/DC	400	120	500	50.0	3 / 1.5	PS7341-1B	BV= 3750 Vr.m.s. MIN.
AQV453	6-DIP	1-b	AC/DC	250	200	410	8.0	2 / 1	PS7122A-1B	
AQV454	6-DIP	1-b	AC/DC	400	150	360	16.0	2 / 1	PS7141-1B	
AQV454H *2	6-DIP	1-b	AC/DC	400	150	360	16.0	3 / 1	PS7341-1B	BV= 3750 Vr.m.s. MIN.

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*2 Isolation voltage : BV = 5000 Vr.m.s. MIN.

MATSUSHITA ELECTRIC WORKS (5)

MATSUSHITA ELECTRIC WORKS	PKG	OUT- PUT *1	Type	VL (V) MAX.	IL (mA) MAX.	Pr (mW) MAX.	Ron (Ω) MAX.	ton/toff (ms) MAX.	NEC Equivalent	
									Type Number	Note
AQW212	8-DIP	2-a	AC/DC	60	350	800	2.5	2 / 0.2	PS7113-2A	
AQW215	8-DIP	2-a	AC/DC	100	300	800	4.0	2 / 0.2	PS7113-2A	
AQW217	8-DIP	2-a	AC/DC	200	160	800	15.0	1 / 0.2	PS7122-2A	
AQW210	8-DIP	2-a	AC/DC	350	120	800	35.0	0.5 / 0.2	PS7141-2A	
AQW214	8-DIP	2-a	AC/DC	400	100	800	50.0	0.5 / 0.2	PS7141-2A	
AQW216	8-DIP	2-a	AC/DC	600	40	800	120.0	0.5 / 0.2	PS7160-2A	
AQW225N	8-DIP	2-a	AC/DC	80	120	800	10.0	0.5 / 0.2	PS7113-2A	
AQW227N	8-DIP	2-a	AC/DC	200	50	800	50.0	0.5 / 0.2	PS7122-2A	
AQW224N	8-DIP	2-a	AC/DC	400	40	800	100.0	0.5 / 0.2	PS7160-2A	
AQW254	8-DIP	2-b	AC/DC	400	120	800	16.0	2 / 0.2	PS7141-2B	
AQW414	8-DIP	2-b	AC/DC	400	100	800	50.0	1 / 1	PS7141-2B	
AQW414EH *2	8-DIP	2-b	AC/DC	400	100	800	35.0	1 / 1	-	
AQW454	8-DIP	2-b	AC/DC	400	120	800	16.0	2 / 1	PS7141-2B	
AQW614	8-DIP	1-C	AC/DC	400	100	800	50.0	1 / 1	PS7141-1C	
AQW614EH *2	8-DIP	1-C	AC/DC	400	100	800	35.0	3 / 1	-	
AQW654	8-DIP	1-C	AC/DC	400	120	800	16.0	2 / 1	PS7141-1C	

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*2 Isolation voltage : BV = 5000 Vr.m.s. MIN.

MATSUSHITA ELECTRIC WORKS (6)

MATSUSHITA ELECTRIC WORKS	PKG	OUT-PUT *1	Type	VL (V) MAX.	IL (mA) MAX.	Pr (mW) MAX.	Ron (Ω) MAX.	ton/toff (ms) MAX.	NEC Equivalent	
									Type Number	Note
AQW272A	8-DIP	2-a	AC/DC	60	1 800	1 100	0.18	5 / 3	PS710CL2-1A	Package (450 mil) type
AQW275	8-DIP	2-a	AC/DC	100	1 100	1 100	0.34	5 / 3	-	
AQW277	8-DIP	2-a	AC/DC	200	550	1 100	1.1	5 / 3	-	
AQW274	8-DIP	2-a	AC/DC	400	300	1 100	3.2	5 / 3	-	
AQY272	4-DIP	1-a	AC/DC	60	2 000	750	0.18	5 / 3	PS710A-1A	6-pin DIP type
AQY275	4-DIP	1-a	AC/DC	100	1 300	750	0.34	5 / 3	-	Package (450 mil) type
AQY277	4-DIP	1-a	AC/DC	200	550	750	1.1	5 / 3	-	
AQY274	4-DIP	1-a	AC/DC	400	350	750	3.2	5 / 3	-	
AQY210EH *2	4-DIP	1-a	AC/DC	350	130	550	25.0	2 / 1	PS7341-1A	High isolation voltage type
AQY210HL *2	4-DIP	1-a	AC/DC	350	120	550	25.0	2 / 1	PS7341C-1A	BV= 3750 Vr.m.s. MIN.
AQY214EH *2	4-DIP	1-a	AC/DC	400	120	550	35.0	2 / 1	PS7341-1A	High isolation voltage type
AQY414EH *2	4-DIP	1-a	AC/DC	400	120	550	35.0	2 / 1	PS7341-1A	
AQW210EH *2	8-DIP	2-a	AC/DC	350	120	850	25.0	2 / 1	PS7341-1A	
AQW210HL *2	8-DIP	2-a	AC/DC	350	120	850	25.0	2 / 1	PS7141C-2A	BV= 1500 Vr.m.s. MIN.
AQW214EH *2	8-DIP	2-a	AC/DC	400	100	850	35.0	2 / 1	PS7341-1A	High isolation voltage type

*1 1: 1CH, 2: 2CH, Tr: Photocoupler, a: Normally-Open, b: Normally-Close, C: Normally-Open/Normally-Close

*2 Isolation voltage : BV = 5000 Vr.m.s. MIN.

2-2. TOSHIBA

TOSHIBA

TOSHIBA	PKG	OUT-PUT *1	Type	VL (V) MAX.	IL (mA) MAX.	Pr (mW) MAX.	Ron (Ω) MAX.	ton/toff (ms) MAX.	NEC Equivalent	
									Type Number	Note
TLP176	4-SOP	1-a	AC/DC	350	120	–	35.0	1 / 1	PS7241-1A	4-pin SOP type
TLP197G	6-SOP	1-a	AC/DC	350	120	–	35.0	1 / 1	PS7241-1A	4-pin SOP type
TLP206G	8-SOP	2-a	AC/DC	350	120	–	35.0	1 / 1	PS7241-2A	
TLP3110	4-SOP	1-a	AC/DC	60	350	–	1.2	1 / 1	PS7206-1A	4-pin SOP type
TLP3111	4-SOP	1-a	AC/DC	80	100	–	10.0	1 / 1	–	
TLP3540 *2	8-DIP	1-a	AC/DC	60	2.0 A	–	0.12	5 / 3	PS710A-1A	6-pin DIP type
TLP224G *2	4-DIP	1-a	AC/DC	350	120	–	35.0	1 / 1	PS7341C-1A	6-pin DIP type
TLP224G-2 *2	8-DIP	2-a	AC/DC	350	120	–	35.0	1 / 1	PS7141C-1A	BV= 1500 Vr.m.s. MIN.
TLP225A *2	4-DIP	1-a	AC/DC	60	500	–	1.1	2 / 2	PS7206-1A	4-pin SOP type
TLP227G *2	4-DIP	1-a	AC/DC	350	100	–	35.0	4 / 4	PS7241-1A	4-pin SOP type
TLP227G-2 *2	8-DIP	2-a	AC/DC	350	100	–	35.0	4 / 4	PS7141-2A	BV= 1500 Vr.m.s. MIN.
TLP296G *2	8-DIP	2-a	AC/DC	400	100	–	30.0	4 / 4	PS7141-2A	
TLP594G *2	6-DIP	1-a	AC/DC	350	120	–	35.0	1 / 1	PS7341C-1A	BV= 3750 Vr.m.s. MIN.
TLP595A *2	6-DIP	1-a	AC/DC	60	300	800	2.0	0.4 / 0.4	PS7113-1A	BV= 1500 Vr.m.s. MIN.
TLP595B *2	6-DIP	1-a	AC/DC	100	200	800	4.0	0.4 / 0.4	PS7113-1A	
TLP595G *2	6-DIP	1-a	AC/DC	400	150	800	12.0	1 / 1	PS7142-1A	
TLP596A *2	6-DIP	1-a	AC/DC	60	300	800	2.0	2 / 2	PS7113-1A	
TLP597A *2	6-DIP	1-a	AC/DC	350	120	–	2.0	2 / 2	PS7241-1A	4-pin SOP type
TLP596G *2	6-DIP	1-a	AC/DC	400	120	800	30.0	2 / 2	PS7141-1A	BV= 1500 Vr.m.s. MIN.
TLP795G *3	6-DIP	1-a	AC/DC	400	150	800	12.0	1 / 1	PS7142-1A	BV= 3750 Vr.m.s. MIN.
TLP796G *3	6-DIP	1-a	AC/DC	400	120	–	30.0	2 / 2	PS7341-1A	

*1 1: 1CH, 2: 2CH, Tr: Photocoupler, a: Normally-Open, b: Normally-Close, C: Normally-Open/Normally-Close

*2 Isolation voltage : BV = 2500 Vr.m.s. MIN.

*3 Isolation voltage : BV = 5000 Vr.m.s. MIN.

2-3. OKI

OKI (1)

OKI	PKG	OUT-PUT *1	Type	VL (V) MAX.	IL (mA) MAX.	Pr (mW) MAX.	Ron (Ω) MAX.	ton/toff (ms) MAX.	NEC Equivalent	
									Type Number	Note
OCM100	6-DIP	1-a	DC	60	500	325	0.75	0.3 / 0.3 (TYP.)	-	
OCM110	6-DIP	1-a	DC	100	450	325	1.0	0.3 / 0.3 (TYP.)	PS7113-1A	IL : 350 mA MAX. AC/DC type
OCM120	6-DIP	1-a	DC	200	350	325	2.0	0.3 / 0.3 (TYP.)	PS7122-1A	IL : 200 mA MAX. AC/DC type
OCM140	6-DIP	1-a	DC	400	200	325	6.2	0.3 / 0.3 (TYP.)	PS7142-1A	AC/DC type
OCM101 *2	6-DIP	1-a	DC	60	500	325	0.75	0.3 / 0.3 (TYP.)	-	High isolation voltage type
OCM111 *2	6-DIP	1-a	DC	100	450	325	1.0	0.3 / 0.3 (TYP.)	-	
OCM121 *2	6-DIP	1-a	DC	200	350	325	2.0	0.3 / 0.3 (TYP.)	-	
OCM141 *2	6-DIP	1-a	DC	400	200	325	6.2	0.3 / 0.3 (TYP.)	PS7342-1A	AC/DC BV= 3750 Vr.m.s. MIN.
OCM102	6-DIP	1-a	DC	60	500	325	0.75	1 / 1	-	
OCM112	6-DIP	1-a	DC	100	450	325	1.0	1 / 1	PS7113-1A	IL : 350 mA MAX. AC/DC type
OCM122	6-DIP	1-a	DC	200	350	325	2.0	1 / 1	PS7122-1A	IL : 200 mA MAX. AC/DC type
OCM142	6-DIP	1-a	DC	400	200	325	6.2	1 / 1	PS7142-1A	AC/DC type
OCM103 *2	6-DIP	1-a	DC	60	500	325	0.75	1 / 1	-	High isolation voltage type
OCM113 *2	6-DIP	1-a	DC	100	450	325	1.0	1 / 1	-	
OCM123 *2	6-DIP	1-a	DC	200	350	325	2.0	1 / 1	-	
OCM143 *2	6-DIP	1-a	DC	400	200	325	6.2	1 / 1	PS7342-1A	AC/DC type BV= 3750 Vr.m.s. MIN.

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*2 Isolation voltage : BV= 5000 Vr.m.s. MIN.

2. OCMOS FET CROSS-REFERENCE

OKI (2)

OKI	PKG	OUT-PUT *1	Type	VL (V) MAX.	IL (mA) MAX.	Pr (mW) MAX.	Ron (Ω) MAX.	ton/toff (ms) MAX.	NEC Equivalent	
									Type Number	Note
OCM104	6-DIP	1-a	DC	60	100	325	20.0	0.2 / 0.2	–	High-speed type
OCM114	6-DIP	1-a	DC	100	70	325	45.0	0.2 / 0.2	–	
OCM124	6-DIP	1-a	DC	200	50	325	100.0	0.2 / 0.2	–	
OCM144	6-DIP	1-a	DC	400	20	325	450.0	0.2 / 0.2	–	
OCM105 *2	6-DIP	1-a	DC	60	100	325	20.0	0.2 / 0.2	–	High-speed/High isolation voltage type
OCM115 *2	6-DIP	1-a	DC	100	70	325	45.0	0.2 / 0.2	–	
OCM125 *2	6-DIP	1-a	DC	200	50	325	100.0	0.2 / 0.2	–	
OCM145 *2	6-DIP	1-a	DC	400	20	325	450.0	0.2 / 0.2	–	

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*2 Isolation voltage : BV= 5000 Vr.m.s. MIN.

2. OCMOS FET CROSS-REFERENCE

★ OKI (3)

OKI	PKG	OUT-PUT *1	Type	VL (V) MAX.	IL (mA) MAX.	Pr (mW) MAX.	Ron (Ω) MAX.	ton/toff (ms) MAX.	NEC Equivalent	
									Type Number	Note
OCM200	6-DIP	1-a	AC/DC	60	500	325	1.5	0.3 / 2.5 (TYP.)	PS710A-1A	t _{on} / t _{off} = 3 / 1 ms MAX.
									PS7206-1A	4-pin SOP type
OCM210	6-DIP	1-a	AC/DC	100	450	325	2.0	0.3 / 2.5 (TYP.)	PS7113-1A	IL : 350 mA MAX.
OCM220	6-DIP	1-a	AC/DC	200	350	325	4.0	0.3 / 2.5 (TYP.)	PS7113-1A	
OCM240	6-DIP	1-a	AC/DC	400	200	325	12.5	0.3 / 2.5 (TYP.)	PS7142-1A	
OCM201 *2	6-DIP	1-a	AC/DC	60	500	325	1.5	0.3 / 2.5 (TYP.)	–	High isolation voltage type
OCM211 *2	6-DIP	1-a	AC/DC	100	450	325	2.0	0.3 / 2.5 (TYP.)	–	
OCM221 *2	6-DIP	1-a	AC/DC	200	350	325	4.0	0.3 / 2.5 (TYP.)	–	
OCM241 *2	6-DIP	1-a	AC/DC	400	200	325	12.5	0.3 / 2.5 (TYP.)	PS7342-1A	BV= 3750 Vr.m.s. MIN.
OCM202	6-DIP	1-a	AC/DC	60	500	325	1.5	1 / 1	PS710A-1A	t _{on} / t _{off} = 3 / 1 ms MAX.
									PS7206-1A	4-pin SOP type
OCM212	6-DIP	1-a	AC/DC	100	450	325	2.0	1 / 1	PS7113-1A	IL : 350 mA MAX.
OCM222	6-DIP	1-a	AC/DC	200	350	325	4.0	1 / 1	PS7122A-1A	IL : 250 mA MAX.
OCM242	6-DIP	1-a	AC/DC	400	200	325	12.5	1 / 1	PS7142-1A	BV= 3750 Vr.m.s. MIN.
OCM203 *2	6-DIP	1-a	AC/DC	60	500	325	1.5	1 / 1	–	High isolation voltage type
OCM213 *2	6-DIP	1-a	AC/DC	100	450	325	2.0	1 / 1	–	
OCM223 *2	6-DIP	1-a	AC/DC	200	350	325	4.0	1 / 1	–	
OCM243 *2	6-DIP	1-a	AC/DC	400	200	325	12.5	1 / 1	PS7341-1A	BV= 3750 Vr.m.s. MIN.

*1 1: 1CH, 2: 2CH, Tr: Photocoupler, a: Normally-Open, b: Normally-Close, C: Normally-Open/Normally-Close

*2 Isolation voltage : BV= 5000 Vr.m.s. MIN.

2. OCMOS FET CROSS-REFERENCE

★ OKI (4)

OKI	PKG	OUT-PUT *1	Type	VL (V) MAX.	IL (mA) MAX.	Pr (mW) MAX.	Ron (Ω) MAX.	ton/toff (ms) MAX.	NEC Equivalent	
									Type Number	Note
OCM204	6-DIP	1-a	AC/DC	60	80	325	40.0	0.2 / 0.2	–	High-speed type
OCM214	6-DIP	1-a	AC/DC	100	50	325	90.0	0.2 / 0.2	–	
OCM224	6-DIP	1-a	AC/DC	200	40	325	200.0	0.2 / 0.2	–	
OCM244	6-DIP	1-a	AC/DC	400	15	325	900.0	0.2 / 0.2	–	
OCM205 *2	6-DIP	1-a	AC/DC	60	80	325	40.0	0.2 / 0.2	–	High-speed/High isolation voltage type
OCM215 *2	6-DIP	1-a	AC/DC	100	50	325	90.0	0.2 / 0.2	–	
OCM225 *2	6-DIP	1-a	AC/DC	200	40	325	200.0	0.2 / 0.2	–	
OCM245 *2	6-DIP	1-a	AC/DC	400	15	325	900.0	0.2 / 0.2	–	
OCM206	6-DIP	1-a	AC/DC	60	350	500	3.0	1 / 1	PS7113-1A	
OCM216	6-DIP	1-a	AC/DC	100	300	500	4.0	1 / 1	PS7113-1A	
OCM226	6-DIP	1-a	AC/DC	200	200	500	10.0	1 / 1	PS7113-1A	
OCM236	6-DIP	1-a	AC/DC	350	140	500	33.0	1 / 1	PS7142-1A	
OCM246	6-DIP	1-a	AC/DC	400	120	500	33.0	1 / 1	PS7141-1A	
OCM207 *2	6-DIP	1-a	AC/DC	60	350	500	3.0	1 / 1	–	High isolation voltage type
OCM217 *2	6-DIP	1-a	AC/DC	100	300	500	4.0	1 / 1	–	
OCM227 *2	6-DIP	1-a	AC/DC	200	200	500	10.0	1 / 1	–	
OCM237 *2	6-DIP	1-a	AC/DC	400	120	500	33.0	1 / 1	PS7341-1A	BV= 3750 Vr.m.s. MIN.
OCM247 *2	6-DIP	1-a	AC/DC	400	120	500	33.0	1 / 1	PS7341-1A	

*1 1: 1CH, 2: 2CH, Tr: Photocoupler, a: Normally-Open, b: Normally-Close, C: Normally-Open/Normally-Close

*2 Isolation voltage : BV= 5000 Vr.m.s. MIN.

2. OCMOS FET CROSS-REFERENCE

OKI (5)

OKI	PKG	OUT-PUT *1	Type	VL (V) MAX.	IL (mA) MAX.	Pr (mW) MAX.	Ron (Ω) MAX.	ton/toff (ms) MAX.	NEC Equivalent	
									Type Number	Note
OCM409 *2	8-DIP	2-a	AC/DC	60	200	450	5.0	1 / 1	–	High isolation voltage type
OCM419 *2	8-DIP	2-a	AC/DC	100	150	450	70	1 / 1	–	
OCM429 *2	8-DIP	2-a	AC/DC	200	100	450	16.0	1 / 1	–	
OCM408	8-DIP	2-a	AC/DC	60	200	325	5.0	1 / 1	PS7113-2A	
OCM418	8-DIP	2-a	AC/DC	100	150	325	7.0	1 / 1	PS7113-2A	
OCM428	8-DIP	2-a	AC/DC	200	100	325	16.0	1 / 1	PS7122-2A	
OCM448	8-DIP	2-a	AC/DC	400	50	325	70.0	1 / 1	PS7141-2A	
OCMS206	6-SOP	1-a	AC/DC	60	320	325	3.0	1 / 1	PS7206-1A PS7214-1A	4-pin SOP type
OCMS216	6-SOP	1-a	AC/DC	100	280	325	4.0	1 / 1	PS7214-1A	
OCMS226	6-SOP	1-a	AC/DC	200	180	325	10.0	1 / 1	–	1ch-SOP type
OCMS236	6-SOP	1-a	AC/DC	60	200	450	5.0	1 / 1	PS7206-1A PS7214-1A	4-pin SOP type
OCMS246	6-SOP	1-a	AC/DC	400	100	325	33.0	1 / 1	–	1ch-SOP type

*1 1: 1CH, 2: 2CH, Tr: Photocoupler, a: Normally-Open, b: Normally-Close, C: Normally-Open/Normally-Close

*2 Isolation voltage : BV= 5000 Vr.m.s. MIN.

2. OCMOS FET CROSS-REFERENCE

★ OKI (6)

OKI	PKG	OUT-PUT *1	Type	VL (V) MAX.	IL (mA) MAX.	Pr (mW) MAX.	Ron (Ω) MAX.	ton/toff (ms) MAX.	NEC Equivalent	
									Type Number	Note
OCM438	8-DIP	2-a	AC/DC	350	75	450	35.0	1 / 1	PS7141-2A	
OCM439 *2	8-DIP	2-a	AC/DC	350	75	450	35.0	1 / 1	–	High isolation voltage type
OCM449 *2	8-DIP	2-a	AC/DC	400	50	450	70.0	1 / 1	–	
OCM406	8-DIP	2-a	AC/DC	60	250	450	3.0	1 / 1	PS7113-2A	
OCM416	8-DIP	2-a	AC/DC	100	200	450	4.0	1 / 1	PS7113-2A	
OCM426	8-DIP	2-a	AC/DC	200	150	450	10.0	1 / 1	PS7122-2A	
OCM436	8-DIP	2-a	AC/DC	350	100	450	24.0	1 / 1	PS7141-2A	
OCM446	8-DIP	2-a	AC/DC	400	75	450	33.0	1 / 1	PS7141-2A	
OCM407 *2	8-DIP	2-a	AC/DC	60	250	450	3.0	1 / 1	–	High isolation voltage type
OCM417 *2	8-DIP	2-a	AC/DC	100	200	450	4.0	1 / 1	–	
OCM427 *2	8-DIP	2-a	AC/DC	200	150	450	10.0	1 / 1	–	
OCM437 *2	8-DIP	2-a	AC/DC	350	100	450	24.0	1 / 1	–	
OCM447 *2	8-DIP	2-a	AC/DC	400	75	450	33.0	1 / 1	–	
OCMS236	6-SOP	2-a	AC/DC	350	120	325	24.0	1 / 1	–	1ch-SOP type
OCMS236DP	6-SOP	1-a	AC/DC	350	140	325	24.0	1 / 1	–	1ch-SOP type, Low drive current
OCMS246DP	6-SOP	1-a	AC/DC	400	120	325	24.0	1 / 1	–	
OCM22A	6-DIP	1-a	AC/DC	200	250	325	5.0	20 / 5	PS7522-1A	Unpromotive

*1 1: 1CH, 2: 2CH, Tr: Photocoupler, a: Normally-Open, b: Normally-Close, C: Normally-Open/Normally-Close

*2 Isolation voltage : BV= 5000 Vr.m.s. MIN.

★ 2-4. INFINEON

INFINEON (1)

INFINEON	PKG	OUT-PUT *1	Type	VL (V) MAX.	IL (mA) MAX.	Pr (mW) MAX.	Ron (Ω) MAX.	ton/toff (ms) MAX.	NEC Equivalent	
									Type Number	Note
IL356	8-SOP	1-a	AC/DC	400	100	350	33.0	1 / 0.5	-	8-pin SOP (300 mil) type
IL329	16-SOP	1-a/Tr	AC/DC	400	100	500	33.0	0.8 / 0.2	-	1a + AC input photocoupler, 300 mil type

*1 1: 1CH, 2: 2CH, Tr: Photocoupler, a: Normally-Open, b: Normally-Close, C: Normally-Open/Normally-Close

INFINEON (2)

INFINEON	PKG	OUT-PUT *1	Type	VL (V) MAX.	IL (mA) MAX.	Pr (mW) MAX.	Ron (Ω) MAX.	ton/toff (ms) MAX.	NEC Equivalent	
									Type Number	Note
IL485 *2	6-DIP	1-a	AC/DC	300	50	250	300	-	-	MOS FET driver
LH1056 *2	6-DIP	1-a	AC/DC	350	100	500	50.0	2 / 2	PS7341-1A	
LH1298 *2	6-DIP	1-b	AC/DC	350	100	-	50.0	3 / 2	PS7341-1B	
LH1540 *2	6-DIP	1-a	AC/DC	350	150	400	25.0	2 / 2	PS7341C-1A	
LH1550 *2	6-DIP	1-a	AC/DC	350	100	300	50.0	3 / 3	PS7341C-1A	
LH1529 *2	8-DIP	1-a/Tr	AC/DC	350	120	600	25.0	2.5 / 2.5	-	1a + AC input photocoupler

*1 1: 1CH, 2: 2CH, Tr: Photocoupler, a: Normally-Open, b: Normally-Close, C: Normally-Open/Normally-Close

*2 Isolation voltage : BV= 3750 Vr.m.s. MIN.

2. OCMOS FET CROSS-REFERENCE

INFINEON (3)

INFINEON	PKG	OUT-PUT *1	Type	VL (V) MAX.	IL (mA) MAX.	Pr (mW) MAX.	Ron (Ω) MAX.	ton/toff (ms) MAX.	NEC Equivalent	
									Type Number	Note
LH1500 *2	6-DIP	1-a	AC/DC	350	150	600	25.0	2 / 2	PS7341C-1A	
LH1504 *2	6-DIP	1-a	AC/DC	400	95	550	34.0	5 / 5	PS7341C-1A	
LH1510 *2	6-DIP	1-a	AC/DC	200	200	550	15.0	2 / 2	-	High isolation voltage type
LH1516 *2	6-DIP	1-a	AC/DC	400	240	600	10.0	3 / 3	-	
LH1517 *2	6-DIP	1-a	AC/DC	200	400	600	3.0	3 / 3	-	High isolation voltage type
LH1518 *2	6-DIP	1-a	AC/DC	250	155	550	20.0	3 / 3	-	
LH1519 *2	6-DIP	1-a	AC/DC	250	240	550	10.0	3 / 3	-	
LH1530 *2	6-DIP	1-a	AC/DC	350	150	550	25.0	1 / 1	-	
LH1540 *2	6-DIP	1-a	AC/DC	350	150	550	25.0	2 / 2	-	
LH1503 *2	8-DIP	2-a	AC/DC	350	110	600	25.0	2.5 / 2.5	-	Current limit type
LH1513 *2	8-DIP	2-a	AC/DC	200	140	600	15.0	2.5 / 2.5	-	
LH1505 *2	8-DIP	2-a	AC/DC	250	120	600	20.0	4 / 4	-	
LH1520 *2	8-DIP	2-a	AC/DC	350	110	600	25.0	2 / 2	-	
LH1522 *2	8-DIP	2-a	AC/DC	200	140	600	15.0	2 / 2	-	
LH1524 *2	8-DIP	2-a	AC/DC	400	70	600	34.0	5 / 4	-	

*1 1: 1CH, 2: 2CH, Tr: Photocoupler, a: Normally-Open, b: Normally-Close, C: Normally-Open/Normally-Close

*2 Isolation voltage : BV= 3750 Vr.m.s. MIN.

INFINEON (4)

INFINEON	PKG	OUT-PUT *1	Type	VL (V) MAX.	IL (mA) MAX.	Pr (mW) MAX.	Ron (Ω) MAX.	ton/toff (ms) MAX.	NEC Equivalent	
									Type Number	Note
LH1501 *2	6-DIP	1-b	AC/DC	350	150	550	6.25	3 / 3	PS7341-1B	
LH1511 *2	6-DIP	1-b	AC/DC	200	600	550	3.75	3 / 3	PS7341-1B	
LH1521 *2	8-DIP	2-b	AC/DC	350	110	600	1.4 (TYP.)	3 / 3	-	High isolation voltage type
LH1523 *2	8-DIP	2-b	AC/DC	200	140	600	1.4 (TYP.)	3 / 3	-	
LH1502 *2	8-DIP	1-C	AC/DC	350	-	600	25.0	0.15 / 0.1 (TYP.)	-	
LH1512 *2	8-DIP	1-C	AC/DC	200	150	600	15.0	0.15 / 0.1 (TYP.)	-	1a+1b, Current limit type
LH1535 *2	6-DIP	1-a	AC/DC	400	250	600	25.0	2 / 2	-	
LH1541 *2	6-DIP	1-a	AC/DC	200	55	600	160.0	0.25 / 0.25	-	High-speed type
LH1550 *2	6-DIP	1-a	AC/DC	350	100	600	50.0	3 / 3	PS7341CL-1A	
LH1531 *2	8-DIP	2-a	AC/DC	350	100	600	25.0	1 / 1	-	High isolation voltage type
LH1532	8-DIP	2-a	AC/DC	350	100	600	25.0	2.5 / 2.5	-	
LH1544 *2	8-DIP	2-a	AC/DC	200	40	600	160.0	0.25 / 0.25	-	High-speed type
LH136 *2	6-DIP	1-a	AC/DC	250	300	550	6.0	2 / 2	-	
LH1527 *2	8-DIP	1-C	AC/DC	400	125	600	33.0	4.5 / 4.5	-	
LH1537 *2	8-DIP	1-C	AC/DC	250	150	600	16.0	4.5 / 4.5	-	

*1 1: 1CH, 2: 2CH, Tr: Photocoupler, a: Normally-Open, b: Normally-Close, C: Normally-Open/Normally-Close

*2 Isolation voltage : BV= 3750 Vr.m.s. MIN.

2. OCMOS FET CROSS-REFERENCE

INFINEON (5)

INFINEON	PKG	OUT-PUT *1	Type	VL (V) MAX.	IL (mA) MAX.	Pr (mW) MAX.	Ron (Ω) MAX.	ton/toff (ms) MAX.	NEC Equivalent	
									Type Number	Note
LH1533AB *2	8-DIP	2-a	AC/DC	350	90	600	33.0	3 / 3	-	Current limit type
LH1533AAC *2	8-DIP	2-a	AC/DC	350	70	600	33.0	3 / 3	-	
LH1525AT *2	6-DIP	1-a	AC/DC	400	120	400	33.0	0.8 / 0.4	PS7341C-1A	
LH1525AAB *2	6-DIP	1-a	AC/DC	400	120	400	33.0	0.8 / 0.4	PS7341CL-1A	
LH1526AB *2	6-DIP	2-a	AC/DC	400	100	550	33.0	4.5 / 4.5	-	
LH1526ABC *2	6-DIP	2-a	AC/DC	400	100	550	33.0	4.5 / 4.5	-	
LH1547AT1 *2	6-DIP	1-a	AC/-	400	120	550	34.0	5 / 5	PS7341C-1A	Current limit type (5 pin NO Contact DC)
LH1547AAB1 *2	6-DIP	1-a	AC/-	400	120	550	34.0	5 / 5	PS7341C-1A	
LH1591AT1 *2	6-DIP	1-a	AC/-	280	120	550	33.0	5 / 5	PS7341C-1A	
LH1591AAB1 *2	6-DIP	1-a	AC/-	280	120	550	33.0	5 / 5	PS7341CL-1A	
LH1085AT1 *2	6-DIP	1-a	AC/-	350	135	550	37.0	2 / 2	PS7341C-1A	
LH1085AAB1 *2	6-DIP	1-a	AC/-	350	135	550	37.0	2 / 2	PS7341CL-1A	
LH1528A *2	8-DIP	b-Tr	AC/DC	350	150	600	25.0	3 / 3	-	1b + AC input photocoupler type
LH1529A *2	8-DIP	a-Tr	AC/DC	350	120	550	25.0	2.5 / 2.5	-	1b + AC input photocoupler and current limit type
LH1529B *2	8-DIP	a-Tr	AC/DC	350	120	600	25.0	2.5 / 2.5	-	
LH1549H *2	8-DIP	a-Tr	AC/DC	400	120	600	33.0	2.5 / 0.5	-	

*1 1: 1CH, 2: 2CH, Tr: Photocoupler, a: Normally-Open, b: Normally-Close, C: Normally-Open/Normally-Close

*2 Isolation voltage : BV= 3750 Vr.m.s. MIN.

★ 2-5. CP CLARE

CP CLARE (1)

CP CLARE	PKG	OUT-PUT *1	Type	VL (V) MAX.	IL (mA) MAX.	Pr (mW) MAX.	Ron (Ω) MAX.	ton/toff (ms) MAX.	NEC Equivalent	
									Type Number	Note
LCA110 *2	6-DIP	1-a	AC/DC	350	120	800	35.0	3 / 3	PS7341-1A	
LCA110L *2	6-DIP	1-a	AC/DC	350	120	800	35.0	3 / 3	PS7341C-1A	
LCA120 *2	6-DIP	1-a	AC/DC	250	170	800	20.0	5 / 5	PS7122A-1A	BV= 1500 Vr.m.s. MIN.
LCA120L *2	6-DIP	1-a	AC/DC	250	170	800	20.0	3 / 3	-	
LCA125 *2	6-DIP	1-a	AC/DC	300	170	800	16.0	5 / 5	PS7341-1A	
LCA125L *2	6-DIP	1-a	AC/DC	300	170	800	20.0	5 / 5	-	
LCA126 *2	6-DIP	1-a	AC/DC	250	170	800	15.0	5 / 5	PS7122A-1A	BV= 1500 Vr.m.s. MIN.
LCA127 *2	6-DIP	1-a	AC/DC	250	200	800	10.0	5 / 5	PS7122A-1A	
LCA127L *2	6-DIP	1-a	AC/DC	250	170	800	15.0	5 / 5	-	
LCA190 *2	6-DIP	1-a	AC/DC	400	150	800	22.0	5 / 5	PS7342-1A	
LCA710 *2	6-DIP	1-a	AC/DC	60	1 000	800	0.5	2.5 / 0.25	-	
LCB110 *2	6-DIP	1-b	AC/DC	350	120	800	35.0	3 / 3	PS7141-1B	BV= 1500 Vr.m.s. MIN.
LCB114 *2	6-DIP	1-b	AC/DC	350	100	800	35.0	3 / 3	PS7141-1B	
LCB120 *2	6-DIP	1-b	AC/DC	250	170	800	20.0	5 / 5	PS7122A-1B	
LCB126 *2	6-DIP	1-b	AC/DC	250	170	800	15.0	5 / 5	PS7122A-1B	
LCB127 *2	6-DIP	1-b	AC/DC	250	170	800	10.0	5 / 5	PS7122A-1B	
OMA160 *2	6-DIP	1-a	AC/DC	250	50	800	100.0	0.125 / 0.125	-	High-speed type
PLA110 *2	6-DIP	1-a	AC/DC	400	150	800	22.0	1 / 0.25	PS7342-1A	
PLA110L *2	6-DIP	1-a	AC/DC	400	150	800	25.0	1 / 0.25	-	
PLA114 *2	6-DIP	1-a	AC/DC	350	120	800	35.0	15 / 5	-	Slow-switch type
PLA140 *2	6-DIP	1-a	AC/DC	400	250	800	8.0	1.5 / 0.25	PS7342-1A	
PLA160 *2	6-DIP	1-a	AC/DC	350	50	800	100.0	0.05 / 0.05	-	High-speed type

*1 1: 1CH, 2: 2CH, Tr: Photocoupler, a: Normally-Open, b: Normally-Close, C: Normally-Open/Normally-Close

*2 Isolation voltage : BV= 3750 Vr.m.s. MIN.

Remark Suffix "S" Surface Mount. (note : PLA110S)

2. OCMOS FET CROSS-REFERENCE

CP CLARE (2)

CP CLARE	PKG	OUT-PUT *1	Type	VL (V) MAX.	IL (mA) MAX.	Pr (mW) MAX.	Ron (Ω) MAX.	ton/toff (ms) MAX.	NEC Equivalent	
									Type Number	Note
LAA110 *2	8-DIP	2-a	AC/DC	350	120	800	35.0	3 / 3	PS7141-2A	BV= 1500 Vr.m.s. MIN.
LAA110L *2	8-DIP	2-a	AC/DC	350	120	800	35.0	3 / 3	-	Current limit type
LAA120 *2	8-DIP	2-a	AC/DC	250	170	800	20.0	3 / 3	PS7141-2A	BV= 1500 Vr.m.s. MIN.
LAA120L *2	8-DIP	2-a	AC/DC	250	170	800	25.0	3 / 3	-	Current limit type
LAA125 *2	8-DIP	2-a	AC/DC	300	170	800	16.0	5 / 5	PS7142-2A	BV= 1500 Vr.m.s. MIN.
LAA125L *2	8-DIP	2-a	AC/DC	300	170	800	18.0	5 / 5	-	Current limit type
LAA126 *2	8-DIP	2-a	AC/DC	60	170	800	150.0	5 / 5	-	
LAA127 *2	8-DIP	2-a	AC/DC	250	170	800	10.0	5 / 5	PS7122A-2A	BV= 1500 Vr.m.s. MIN.
LAA127L *2	8-DIP	2-a	AC/DC	250	170	800	15.0	5 / 5	-	Current limit type
LBA110 *2	8-DIP	1-C	AC/DC	350	120	800	35.0	3 / 3	PS7141-1C	BV= 1500 Vr.m.s. MIN.
LBA110L *2	8-DIP	1-C	AC/DC	350	120	800	35.0	3 / 3	-	Current limit type
LBA120 *2	8-DIP	1-C	AC/DC	250	170	800	20.0	5 / 5	PS7122A-1C	BV= 1500 Vr.m.s. MIN.
LBA120L *2	8-DIP	1-C	AC/DC	250	150	800	25.0	5 / 5	-	Current limit type
LBA126 *2	8-DIP	1-C	AC/DC	250	170	800	15.0	5 / 5	PS7122A-1C	BV= 1500 Vr.m.s. MIN.
LBA127 *2	8-DIP	1-C	AC/DC	250	200	800	10.0	5 / 5	PS7122A-1C	
LBA127L *2	8-DIP	1-C	AC/DC	250	200	800	10.0	5 / 5	-	Current limit type
LBB110 *2	8-DIP	2-b	AC/DC	350	120	800	35.0	3 / 3	PS7141-2B	BV= 1500 Vr.m.s. MIN.
LBB120 *2	8-DIP	2-b	AC/DC	250	170	800	20.0	5 / 5	PS7122A-2B	
LBB126 *2	8-DIP	2-b	AC/DC	250	170	800	15.0	5 / 5	PS7122A-2B	
LBB127 *2	8-DIP	2-b	AC/DC	200	200	800	10.0	5 / 5	PS7122A-2B	
LCC110 *2	8-DIP	1-C	AC/DC	350	120	800	35.0	4 / 4	-	1 LED (1a+1b) drive type
LCC120 *2	8-DIP	1-C	AC/DC	250	170	800	20.0	5 / 5	-	
OAA160 *2	8-DIP	2-a	AC/DC	250	50	800	100.0	0.125 / 0.125	-	High-speed type
PAA110 *2	8-DIP	2-a	AC/DC	400	150	800	22.0	1 / 0.25	PS7141-2A	BV= 1500 Vr.m.s. MIN.
PAA110L *2	8-DIP	2-a	AC/DC	400	150	800	25.0	1 / 0.25	-	Current limit type
PAA140 *2	8-DIP	2-a	AC/DC	250	170	800	8.0	1.5 / 0.25	PS7141-2A	BV= 1500 Vr.m.s. MIN.

*1 1: 1CH, 2: 2CH, Tr: Photocoupler, a: Normally-Open, b: Normally-Close, C: Normally-Open/Normally-Close

*2 Isolation voltage : BV= 3750 Vr.m.s. MIN.

Remark Suffix "S" Surface Mount. (note : PLA110S)

CP CLARE (3)

CP CLARE	PKG	OUT-PUT *1	Type	VL (V) MAX.	IL (mA) MAX.	Pr (mW) MAX.	Ron (Ω) MAX.	ton/toff (ms) MAX.	NEC Equivalent	
									Type Number	Note
TS117*2	8-DIP	1-a/Tr	AC/DC	350	120	800	35.0	3 / 3	-	1a+AC input photocoupler type
TS117L *2	8-DIP	1-a/Tr	AC/DC	350	120	800	35.0	3 / 3	-	
TS118 *2	8-SOP	1-a/Tr	AC/DC	350	120	800	35.0	3 / 3	-	1a+AC input darlington photocoupler type
TS120 *2	8-DIP	1-a/Tr	AC/DC	350	120	800	35.0	3 / 3	-	1a+AC input photocoupler type
TS122 *2	8-DIP	1-a/Tr	AC/DC	250	170	800	20.0	5 / 5	-	
TS190 *2	8-DIP	1-a/Tr	AC/DC	400	150	800	22.0	1 / 0.25	-	
TS190L *2	8-DIP	1-a/Tr	AC/DC	400	150	800	25.0	1 / 1.253	-	
ITC117P *2,3	16-SOP	1-a/Tr	AC/DC	350	120	1 000	15.0	3 / 3	-	For DAA MOS FET (1a+AC input photocoupler + diode bridge + darlington Tr.)
ITC135P *2,3	16-SOP	1-a/Tr	AC/DC	350	120	1 000	15.0	3 / 3	-	For DAA MOS FET (1a+AC input photocoupler + diode bridge + darlington Tr. + Zener diode)
ITC137P *2,3	16-SOP	1-a/Tr	AC/DC	350	120	1 000	15.0	3 / 3	-	
IAA110P *2,3	16-SOP	2-a/Tr	AC/DC	350	100	1 000	35.0	3 / 3	-	2a+AC input photocoupler type
IBB110P *2,3	16-SOP	2-b/Tr	AC/DC	350	100	1 000	35.0	3 / 3	-	2b+AC input photocoupler type
IAB110P *2,3	16-SOP	1-C/Tr	AC/DC	350	100	1 000	35.0	3 / 3	-	1C+AC input photocoupler type
IAD110P *2,3	16-SOP	1-a/2Tr	AC/DC	350	100	1 000	35.0	3 / 3	-	1a+AC input 2CH photocoupler type
PCL110 *2	8-DIP	1-a	AC/DC	350	100	800	35.0	3 / 2	-	With surge absorbent type

*1 1: 1CH, 2: 2CH, Tr: Photocoupler, a: Normally-Open, b: Normally-Close, C: Normally-Open/Normally-Close

*2 Isolation voltage : BV= 3750 Vr.m.s. MIN.

*3 Package : 400 mil type

Remark Suffix "S" Surface Mount. (note : PLA110S)