

DS-IMP Selector & Cross Reference Guide



- Microprocessor Supervisors •
- PWM Controllers •
- Electroluminescent Lamp Drivers •
- USB Switch & SCSI Terminators •
- Low/High Current Voltage Regulators •
- UART Receiver/Transmitter •
- PCM Data Switch •

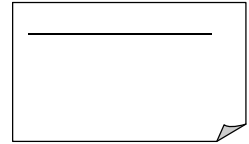
IMP[®]
ISO 9001 Registered

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PRODUCT FAMILY LISTING:

1. Supervisors
2. PWM Controller
3. EL Lamp Drivers
4. USB
5. LDO (Low Current)
6. LDO (High Current)
7. SCS I
8. UARTS
9. PCM Data Switch



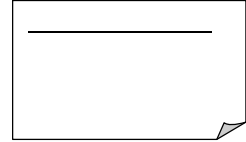
Product Family : Supervisors

IMP Part #	Package	Reset Threshold (V)	RESET Polarity	Watch Dog Timer	Competition Cross Reference			Comments
					Maxim/Dallas	Analog Devices	Micrel	
IMP690ACPA	8-pin, PDIP	4.65	Low	YES	MAX690ACPA	ADM690AAN		Is=100uA, 70% Lower than Maxim
IMP690ACSA	8-pin, SO	4.65	Low	YES	MAX690ACSA	ADM690AARN		Is=100uA, 70% Lower than Maxim
IMP690AEP	8-pin, PDIP	4.65	Low	YES	MAX690AEP	ADM690AAN		Is=100uA, 70% Lower than Maxim
IMP690AES	8-pin, SO	4.65	Low	YES	MAX690AES	ADM690AARN		Is=100uA, 70% Lower than Maxim
IMP692ACPA	8-pin, PDIP	4.40	Low	YES	MAX692ACPA	ADM692AAN		Is=100uA, 70% Lower than Maxim
IMP692ACSA	8-pin, SO	4.40	Low	YES	MAX692ACSA	ADM692AARN		Is=100uA, 70% Lower than Maxim
IMP692AEP	8-pin, PDIP	4.40	Low	YES	MAX692AEP	ADM692AAN		Is=100uA, 70% Lower than Maxim
IMP692AES	8-pin, SO	4.40	Low	YES	MAX692AES	ADM692AARN		Is=100uA, 70% Lower than Maxim
IMP705CP	8-pin, DIP	4.65	Low	YES	MAX705CP	ADM705AN	MIC705	Is=140uA, 60% Lower than Maxim
IMP705CS	8-pin, SO	4.65	Low	YES	MAX705CS	ADM705AR	MIC705	Is=140uA, 60% Lower than Maxim
IMP705CU	8-pin, MicroSO	4.65	Low	YES	MAX705CU		MIC705	Is=140uA, 60% Lower than Maxim
IMP705EP	8-pin, DIP	4.65	Low	YES	MAX705EP	ADM705AN	MIC705	Is=140uA, 60% Lower than Maxim
IMP705ES	8-pin, SO	4.65	Low	YES	MAX705ES	ADM705AR	MIC705	Is=140uA, 60% Lower than Maxim
IMP706CP	8-pin, DIP	4.40	Low	YES	MAX706CP	ADM706AN	MIC706	Is=140uA, 30% Lower than Maxim
IMP706CS	8-pin, SO	4.40	Low	YES	MAX706CS	ADM706AR	MIC706	Is=140uA, 30% Lower than Maxim
IMP706CU	8-pin, MicroSO	4.40	Low	YES	MAX706CU		MIC706	Is=140uA, 30% Lower than Maxim
IMP706EP	8-pin, DIP	4.40	Low	YES	MAX706EP	ADM706AN	MIC706	Is=140uA, 30% Lower than Maxim
IMP706ES	8-pin, SO	4.40	Low	YES	MAX706ES	ADM706AR	MIC706	Is=140uA, 30% Lower than Maxim
IMP706PCP	8-pin, DIP	2.63	High	YES	MAX706PCP		MIC706P	Is=140uA, 30% Lower than Maxim
IMP706PCS	8-pin, SO	2.63	High	YES	MAX706PCS		MIC706P	Is=140uA, 30% Lower than Maxim
IMP706PCU	8-pin, MicroSO	2.63	High	YES	MAX706PCU		MIC706P	Is=140uA, 30% Lower than Maxim
IMP706PEP	8-pin, DIP	2.63	High	YES	MAX706PEP	ADM706PAN	MIC706P	Is=140uA, 30% Lower than Maxim
IMP706PES	8-pin, SO	2.63	High	YES	MAX706PES	ADM706PAR	MIC706P	Is=140uA, 30% Lower than Maxim
IMP706RCP	8-pin, DIP	2.63	Low	YES	MAX706RCP		MIC706R	Is=140uA, 30% Lower than Maxim
IMP706RCS	8-pin, SO	2.63	Low	YES	MAX706RCS		MIC706R	Is=140uA, 30% Lower than Maxim
IMP706RCU	8-pin, MicroSO	2.63	Low	YES	MAX706RCU		MIC706R	Is=140uA, 30% Lower than Maxim
IMP706REP	8-pin, DIP	2.63	Low	YES	MAX706REP	ADM706RAN	MIC706R	Is=140uA, 30% Lower than Maxim
IMP706RES	8-pin, SO	2.63	Low	YES	MAX706RES	ADM706RAR	MIC706R	Is=140uA, 30% Lower than Maxim
IMP706SCP	8-pin, DIP	2.93	Low	YES	MAX706SCP		MIC706S	Is=140uA, 30% Lower than Maxim
IMP706SCS	8-pin, SO	2.93	Low	YES	MAX706SCS		MIC706S	Is=140uA, 30% Lower than Maxim
IMP706SCU	8-pin, MicroSO	2.93	Low	YES	MAX706SCU		MIC706S	Is=140uA, 30% Lower than Maxim
IMP706SEP	8-pin, DIP	2.93	Low	YES	MAX706SEP	ADM706SAN	MIC706S	Is=140uA, 30% Lower than Maxim
IMP706SES	8-pin, SO	2.93	Low	YES	MAX706SES	ADM706SAR	MIC706S	Is=140uA, 30% Lower than Maxim
IMP706TCP	8-pin, DIP	3.08	Low	YES	MAX706TCP		MIC706T	Is=140uA, 30% Lower than Maxim
IMP706TCS	8-pin, SO	3.08	Low	YES	MAX706TCS		MIC706T	Is=140uA, 30% Lower than Maxim
IMP706TCU	8-pin, MicroSO	3.08	Low	YES	MAX706TCU		MIC706T	Is=140uA, 30% Lower than Maxim
IMP706TEP	8-pin, DIP	3.08	Low	YES	MAX706TEP	ADM706TAN	MIC706T	Is=140uA, 30% Lower than Maxim
IMP706TES	8-pin, SO	3.08	Low	YES	MAX706TES	ADM706TAR	MIC706T	Is=140uA, 30% Lower than Maxim
IMP706JCP	8-pin, DIP	4.00	Low	YES				Is=140uA, 30% Lower than Maxim
IMP706JCS	8-pin, SO	4.00	Low	YES				Is=140uA, 30% Lower than Maxim
IMP706JCU	8-pin, MicroSO	4.00	Low	YES				Is=140uA, 30% Lower than Maxim
IMP706JEP	8-pin, DIP	4.00	Low	YES				Is=140uA, 30% Lower than Maxim
IMP706JES	8-pin, SO	4.00	Low	YES				Is=140uA, 30% Lower than Maxim
IMP707CP	8-pin, DIP	4.65	Dual: L/H	NO	MAX707CP	ADM707AN	MIC707	Is=140uA, 60% Lower than Maxim
IMP707CS	8-pin, SO	4.65	Dual: L/H	NO	MAX707CS	ADM707AR	MIC707	Is=140uA, 60% Lower than Maxim
IMP707CU	8-pin, MicroSO	4.65	Dual: L/H	NO	MAX707CU	ADM707ARM	MIC707	Is=140uA, 60% Lower than Maxim
IMP707EP	8-pin, DIP	4.65	Dual: L/H	NO	MAX707EP	ADM707AN	MIC707	Is=140uA, 60% Lower than Maxim
IMP707ES	8-pin, SO	4.65	Dual: L/H	NO	MAX707ES	ADM707AR	MIC707	Is=140uA, 60% Lower than Maxim
IMP708CP	8-pin, DIP	4.40	Dual: L/H	NO	MAX708CP	ADM708AN	MIC708	Is=140uA, 30% Lower than Maxim
IMP708CS	8-pin, SO	4.40	Dual: L/H	NO	MAX708CS	ADM708AR	MIC708	Is=140uA, 30% Lower than Maxim
IMP708CU	8-pin, MicroSO	4.40	Dual: L/H	NO	MAX708CU	ADM708ARM	MIC708	Is=140uA, 30% Lower than Maxim
IMP708EP	8-pin, DIP	4.40	Dual: L/H	NO	MAX708EP	ADM708AN	MIC708	Is=140uA, 30% Lower than Maxim
IMP708ES	8-pin, SO	4.40	Dual: L/H	NO	MAX708ES	ADM708AR	MIC708	Is=140uA, 30% Lower than Maxim
IMP708RCP	8-pin, DIP	2.63	Dual: L/H	NO	MAX708RCP		MIC708R	Is=140uA, 30% Lower than Maxim
IMP708RCS	8-pin, SO	2.63	Dual: L/H	NO	MAX708RCS		MIC708R	Is=140uA, 30% Lower than Maxim
IMP708RCU	8-pin, MicroSO	2.63	Dual: L/H	NO	MAX708RCU		MIC708R	Is=140uA, 30% Lower than Maxim
IMP708REP	8-pin, DIP	2.63	Dual: L/H	NO	MAX708REP	ADM708RAN	MIC708R	Is=140uA, 30% Lower than Maxim
IMP708RES	8-pin, SO	2.63	Dual: L/H	NO	MAX708RES	ADM708RAR	MIC708R	Is=140uA, 30% Lower than Maxim
IMP708SCP	8-pin, DIP	2.93	Dual: L/H	NO	MAX708SCP		MIC708S	Is=140uA, 30% Lower than Maxim
IMP708SCS	8-pin, SO	2.93	Dual: L/H	NO	MAX708SCS		MIC708S	Is=140uA, 30% Lower than Maxim
IMP708SCU	8-pin, MicroSO	2.93	Dual: L/H	NO	MAX708SCU		MIC708S	Is=140uA, 30% Lower than Maxim
IMP708SEP	8-pin, DIP	2.93	Dual: L/H	NO	MAX708SEP	ADM708SAN	MIC708S	Is=140uA, 30% Lower than Maxim
IMP708SES	8-pin, SO	2.93	Dual: L/H	NO	MAX708SES	ADM708SAR	MIC708S	Is=140uA, 30% Lower than Maxim
IMP708TCP	8-pin, DIP	3.08	Dual: L/H	NO	MAX708TCP		MIC708T	Is=140uA, 30% Lower than Maxim
IMP708TCS	8-pin, SO	3.08	Dual: L/H	NO	MAX708TCS		MIC708T	Is=140uA, 30% Lower than Maxim
IMP708TCU	8-pin, MicroSO	3.08	Dual: L/H	NO	MAX708TCU		MIC708T	Is=140uA, 30% Lower than Maxim
IMP708TEP	8-pin, DIP	3.08	Dual: L/H	NO	MAX708TEP	ADM708TAN	MIC708T	Is=140uA, 30% Lower than Maxim
IMP708TES	8-pin, SO	3.08	Dual: L/H	NO	MAX708TES	ADM708TAR	MIC708T	Is=140uA, 30% Lower than Maxim
IMP802LCP	8-pin, PDIP	4.65	LOW	YES	MAX802LCP	ADM802LAN		Is=100uA, 70% Lower than Maxim
IMP802LCS	8-pin, SO	4.65	LOW	YES	MAX802LCS	ADM802LARN		Is=100uA, 70% Lower than Maxim
IMP802LEP	8-pin, PDIP	4.65	LOW	YES	MAX802LEP	ADM802LAN		Is=100uA, 70% Lower than Maxim
IMP802LES	8-pin, SO	4.65	LOW	YES	MAX802LES	ADM802LARN		Is=100uA, 70% Lower than Maxim
IMP802MCP	8-pin, PDIP	4.40	LOW	YES	MAX802MCP	ADM802MAN		Is=100uA, 70% Lower than Maxim
IMP802MCS	8-pin, SO	4.40	LOW	YES	MAX802MCS	ADM802MARN		Is=100uA, 70% Lower than Maxim
IMP802MEP	8-pin, PDIP	4.40	LOW	YES	MAX802MEP	ADM802MAN		Is=100uA, 70% Lower than Maxim
IMP802MES	8-pin, SO	4.40	LOW	YES	MAX802MES	ADM802MARN		Is=100uA, 70% Lower than Maxim



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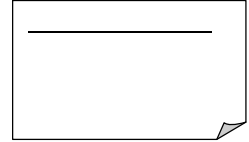


Product Family : Supervisors (cont'd.)

IMP Part #	Package	Reset Threshold (V)	RESET Polarity	Watch Dog Timer	Competition Cross Reference			Comments
					Maxim/Dallas	Analog Devices	Micrel	
IMP805LCPA	8-pin, PDIP	4.40	HIGH	YES	MAX805LCPA	ADM805LAN		Is=100uA, 70% Lower than Maxim
IMP805LCSA	8-pin, SO	4.40	HIGH	YES	MAX805LCSA	ADM805LARN		Is=100uA, 70% Lower than Maxim
IMP805LEPA	8-pin, PDIP	4.40	HIGH	YES	MAX805LEPA	ADM805LAN		Is=100uA, 70% Lower than Maxim
IMP805LESA	8-pin, SO	4.40	HIGH	YES	MAX805LESA	ADM805LARN		Is=100uA, 70% Lower than Maxim
IMP809JEUR	3-pin, SOT-23	4.00	LOW		MAX809JEUR	ADM809JAR	MIC809	Supply Current,75% Lower than Maxim
IMP809LEUR	3-pin, SOT-23	4.63	LOW		MAX809LEUR	ADM809LAR	MIC809	Supply Current,75% Lower than Maxim
IMP809MEUR	3-pin, SOT-23	4.38	LOW		MAX809MEUR	ADM809MAR	MIC809	Supply Current,75% Lower than Maxim
IMP809REUR	3-pin, SOT-23	2.63	LOW		MAX809REUR	ADM809RAR	MIC809	Supply Current,75% Lower than Maxim
IMP809SEUR	3-pin, SOT-23	2.93	LOW		MAX809SEUR	ADM809SAR	MIC809	Supply Current,75% Lower than Maxim
IMP809TEUR	3-pin, SOT-23	3.08	LOW		MAX809TEUR	ADM809TAR	MIC809	Supply Current,75% Lower than Maxim
IMP810JEUR	3-pin, SOT-23	4.00	HIGH		MAX810JEUR	ADM810JAR	MIC810	Supply Current,75% Lower than Maxim
IMP810LEUR	3-pin, SOT-23	4.63	HIGH		MAX810LEUR	ADM810LAR	MIC810	Supply Current,75% Lower than Maxim
IMP810MEUR	3-pin, SOT-23	4.38	HIGH		MAX810MEUR	ADM810MAR	MIC810	Supply Current,75% Lower than Maxim
IMP810REUR	3-pin, SOT-23	2.63	HIGH		MAX810REUR	ADM810RAR	MIC810	Supply Current,75% Lower than Maxim
IMP810SEUR	3-pin, SOT-23	2.93	HIGH		MAX810SEUR	ADM810SAR	MIC810	Supply Current,75% Lower than Maxim
IMP810TEUR	3-pin, SOT-23	3.08	HIGH		MAX810TEUR	ADM810TAR	MIC810	Supply Current,75% Lower than Maxim
IMP811JEUS	4-pin, SOT-143	4.00	LOW		MAX811JEUS	ADM811JAR	MIC811	Supply Current,75% Lower than Maxim
IMP811LEUS	4-pin, SOT-143	4.63	LOW		MAX811LEUS	ADM811LAR	MIC811	Supply Current,75% Lower than Maxim
IMP811MEUS	4-pin, SOT-143	4.38	LOW		MAX811MEUS	ADM811MAR	MIC811	Supply Current,75% Lower than Maxim
IMP811REUS	4-pin, SOT-143	2.63	LOW		MAX811REUS	ADM811RAR	MIC811	Supply Current,75% Lower than Maxim
IMP811SEUS	4-pin, SOT-143	2.93	LOW		MAX811SEUS	ADM811SAR	MIC811	Supply Current,75% Lower than Maxim
IMP811TEUS	4-pin, SOT-143	3.08	LOW		MAX811TEUS	ADM811TAR	MIC811	Supply Current,75% Lower than Maxim
IMP812JEUS	4-pin, SOT-143	4.00	HIGH		MAX812JEUS	ADM812JAR	MIC812	Supply Current,75% Lower than Maxim
IMP812LEUS	4-pin, SOT-143	4.63	HIGH		MAX812LEUS	ADM812LAR	MIC812	Supply Current,75% Lower than Maxim
IMP812MEUS	4-pin, SOT-143	4.38	HIGH		MAX812MEUS	ADM812MAR	MIC812	Supply Current,75% Lower than Maxim
IMP812REUS	4-pin, SOT-143	2.63	HIGH		MAX812REUS	ADM812RAR	MIC812	Supply Current,75% Lower than Maxim
IMP812SEUS	4-pin, SOT-143	2.93	HIGH		MAX812SEUS	ADM812SAR	MIC812	Supply Current,75% Lower than Maxim
IMP812TEUS	4-pin, SOT-143	3.08	HIGH		MAX812TEUS	ADM812TAR	MIC812	Supply Current,75% Lower than Maxim
IMP813LCPA	8-pin, DIP	4.65	HIGH	YES	MAX813LCPA			Is=140uA, 60% Lower than Maxim
IMP813LCSA	8-pin, SO	4.65	HIGH	YES	MAX813LCSA			Is=140uA, 60% Lower than Maxim
IMP813LCUA	8-pin, MicroSO	4.65	HIGH	YES	MAX813LCUA			Is=140uA, 60% Lower than Maxim
IMP813LEPA	8-pin, DIP	4.65	HIGH	YES	MAX813LEPA			Is=140uA, 60% Lower than Maxim
IMP813LESA	8-pin, SO	4.65	HIGH	YES	MAX813LESA			Is=140uA, 60% Lower than Maxim
IMP1232LP	8-pin, DIP	5	30	0 to 70C	DS1232LPUN		MIC1232	Is=30uA; 40% Lower than Dallas
IMP1232LPCMA	8-pin, MicroSO	5	30	0 to 70C	DS1232LPN		MIC1232	Is=30uA; 40% Lower than Dallas
IMP1232LPEMA	8-pin, MicroSO	5	30	-40 to 85C	DS1232LPS	ADM1232ARM,	MIC1232	Is=30uA; 40% Lower than Dallas
IMP1232LPN	8-pin, DIP	5	30	-40 to 85C	DS1232LPS-2	ADM1232AN,	MIC1232	Is=30uA; 40% Lower than Dallas
IMP1232LPS	16-pin, SO	5	30	0 to 70C	DS1232LPSN		MIC1232	Is=30uA; 40% Lower than Dallas
IMP1232LPS-2	8-pin, SO	5	30	0 to 70C	DS1232LPSN-2		MIC1232	Is=30uA; 40% Lower than Dallas
IMP1232LPSN	16-pin, SO	5	30	-40 to 85C	DS1233D-10	ADM1232ARW,	MIC1232	Is=30uA; 40% Lower than Dallas
IMP1232LPSN-2	8-pin, SO	5	30	-40 to 85C	DS1233D-15	ADM1232ARN,	MIC1232	Is=30uA; 40% Lower than Dallas
IMP1832	8-pin, DIP	3.3	20	0 to 70C	DS1832		MIC1832	Is=20uA, 40% Lower than Dallas
IMP1832S	8-pin, SO	3.3	20	-40 to 85C	DS1832S		MIC1832	Is=20uA, 40% Lower than Dallas
IMP1832EMA	8-pin, MicroSO	3.3	20	-40 to 85C	DS1832UN		MIC1832	Is=20uA, 40% Lower than Dallas
IMP1233D-5	3-pin, TO-92	4.625	5	Open-Drain	DS1233DZ-15	MCP130-475/TO		Is=20uA
IMP1233D-10	3-pin, TO-92	4.375	10	Open-Drain	DS1233D-5	MCP130-450/TO		Is=20uA
IMP1233D-15	3-pin, TO-92	4.125	15	Open-Drain	DS1233DZ-10	MCP130-450/TO		Is=20uA
IMP1233DZ-5	3-pin, SOT-223	4.625	5	Open-Drain	DS1233M-5			Is=20uA
IMP1233DZ-10	3-pin, SOT-223	4.375	10	Open-Drain	DS1233DZ-5			Is=20uA
IMP1233DZ-15	3-pin, SOT-223	4.125	15	Open-Drain	DS1233M-3			Is=20uA
IMP1233M-55	3-pin, TO-92	4.625	5	Open-Drain	DS1233M-55	MCP130-475/TO		Is=20uA
IMP1233M-5	3-pin, TO-92	4.375	10	Open-Drain	DS1233M-5	MCP130-450/TO		Is=20uA
IMP1233M-3	3-pin, TO-92	2.72	15	Open-Drain	DS1233M-3	MCP130-315/TO		Is=20uA
IMP1233MS-55	8-pin, SO	4.625	5	Open-Drain	DS1233MS-55			Is=20uA
IMP1233MS-5	8-pin, SO	4.375	10	Open-Drain	DS1233MS-5			Is=20uA
IMP1233MS-3	8-pin, SO	2.72	15	Open-Drain	DS1233MS-3			Is=20uA
IMP1810-5	3-pin, TO-92	4.62	LOW	Push-Pull	DS1810-15			Is=15uA, 57% Lower than Dallas
IMP1810-10	3-pin, TO-92	4.37	LOW	Push-Pull	DS1810-10		MIC1810	Is=15uA, 57% Lower than Dallas
IMP1810-15	3-pin, TO-92	4.12	LOW	Push-Pull	DS1810-15		MIC1810	Is=15uA, 57% Lower than Dallas
IMP1810R-5	3-pin, SOT-23	4.62	LOW	Push-Pull	DS1810R-5		MIC1810	Is=15uA, 57% Lower than Dallas
IMP1810R-10	3-pin, SOT-23	4.37	LOW	Push-Pull	DS1810R-10		MIC1810	Is=15uA, 57% Lower than Dallas
IMP1810R-15	3-pin, SOT-23	4.12	LOW	Push-Pull	DS1810R-15		MIC1810	Is=15uA, 57% Lower than Dallas
IMP1811-5	3-pin, TO-92	4.62	LOW	Open-Drain	DS1811-5			Is=15uA, 57% Lower than Dallas
IMP1811-10	3-pin, TO-92	4.35	LOW	Open-Drain	DS1811-10			Is=15uA, 57% Lower than Dallas
IMP1811-15	3-pin, TO-92	4.13	LOW	Open-Drain	DS1811-15			Is=15uA, 57% Lower than Dallas
IMP1811R-5	3-pin, SOT-23	4.62	LOW	Open-Drain	DS1811R-5			Is=15uA, 57% Lower than Dallas
IMP1811R-10	3-pin, SOT-23	4.35	LOW	Open-Drain	DS1811R-10			Is=15uA, 57% Lower than Dallas
IMP1811R-15	3-pin, SOT-23	4.13	LOW	Open-Drain	DS1811R-15			Is=15uA, 57% Lower than Dallas
IMP1812-5	3-pin, TO-92	4.62	HIGH	Push-Pull	DS1812-5			Is=15uA, 57% Lower than Dallas
IMP1812-10	3-pin, TO-92	4.35	HIGH	Push-Pull	DS1812-10			Is=15uA, 57% Lower than Dallas
IMP1812-15	3-pin, TO-92	4.13	HIGH	Push-Pull	DS1812-15			Is=15uA, 57% Lower than Dallas
IMP1812R-5	3-pin, SOT-23	4.62	HIGH	Push-Pull	DS1812R-5			Is=15uA, 57% Lower than Dallas
IMP1812R-10	3-pin, SOT-23	4.35	HIGH	Push-Pull	DS1812R-10			Is=15uA, 57% Lower than Dallas
IMP1812R-15	3-pin, SOT-23	4.13	HIGH	Push-Pull	DS1812R-15			Is=15uA, 57% Lower than Dallas

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Product Family : Supervisors (cont'd.)

IMP Part #	Package	Reset Threshold (V)	RESET Polarity	Watch Dog Timer	Competition Cross Reference			Comments
					Maxim/Dallas	Analog Devices	Micrel	
IMP1815-5	3-pin, TO-92	3.06	LOW	Push-Pull	DS1815-5		MIC1815	Is=15uA, 57% Lower than Dallas
IMP1815-10	3-pin, TO-92	2.88	LOW	Push-Pull	DS1815-10		MIC1815	Is=15uA, 57% Lower than Dallas
IMP1815-20	3-pin, TO-92	2.55	LOW	Push-Pull	DS1815-20		MIC1815	Is=15uA, 57% Lower than Dallas
IMP1815R-5	3-pin, SOT-23	3.06	LOW	Push-Pull	DS1815R-5		MIC1815	Is=15uA, 57% Lower than Dallas
IMP1815R-10	3-pin, SOT-23	2.88	LOW	Push-Pull	DS1815R-10		MIC1815	Is=15uA, 57% Lower than Dallas
IMP1815R-20	3-pin, SOT-23	2.55	LOW	Push-Pull	DS1815R-20		MIC1815	Is=15uA, 57% Lower than Dallas
IMP1816-5	3-pin, TO-92	3.06	LOW	Open-Drain	DS1816-5			Is=15uA, 57% Lower than Dallas
IMP1816-10	3-pin, TO-92	2.88	LOW	Open-Drain	DS1816-10			Is=15uA, 57% Lower than Dallas
IMP1816-20	3-pin, TO-92	2.55	LOW	Open-Drain	DS1816-20			Is=15uA, 57% Lower than Dallas
IMP1816R-5	3-pin, SOT-23	3.06	LOW	Open-Drain	DS1816R-5			Is=15uA, 57% Lower than Dallas
IMP1816R-10	3-pin, SOT-23	2.88	LOW	Open-Drain	DS1816R-10			Is=15uA, 57% Lower than Dallas
IMP1816R-20	3-pin, SOT-23	2.55	LOW	Open-Drain	DS1816R-20			Is=15uA, 57% Lower than Dallas
IMP1817-5	3-pin, TO-92	3.06	HIGH	Push-Pull	DS1817-5			Is=15uA, 57% Lower than Dallas
IMP1817-10	3-pin, TO-92	2.88	HIGH	Push-Pull	DS1817-10			Is=15uA, 57% Lower than Dallas
IMP1817-20	3-pin, TO-92	2.55	HIGH	Push-Pull	DS1817-20			Is=15uA, 57% Lower than Dallas
IMP1817R-5	3-pin, SOT-23	3.06	HIGH	Push-Pull	DS1817R-5			Is=15uA, 57% Lower than Dallas
IMP1817R-10	3-pin, SOT-23	2.88	HIGH	Push-Pull	DS1817R-10			Is=15uA, 57% Lower than Dallas
IMP1817R-20	3-pin, SOT-23	2.55	HIGH	Push-Pull	DS1817R-20			Is=15uA, 57% Lower than Dallas
IMP1834	8-pin, DIP	5 & 3.3	Low	Push-Pull	DS1834			Is=30uA; 40% Lower than Dallas
IMP1834A	8-pin, DIP	5 & 3.3	Low	Open-Drain	DS1834CMA			Is=30uA; 40% Lower than Dallas
IMP1834AEMA	8-pin, MicroSO	5 & 3.3	Low	Open-Drain	DS1834AU			Is=30uA; 40% Lower than Dallas
IMP1834AS	8-pin, SO	5 & 3.3	Low	Open-Drain	DS1834AS			Is=30uA; 40% Lower than Dallas
IMP1834D	8-pin, DIP	5 & 3.3	Low	Push-Pull	DS1834D			Is=30uA; 40% Lower than Dallas
IMP1834DEMA	8-pin, MicroSO	5 & 3.3	Low	Push-Pull	DS1834DU			Is=30uA; 40% Lower than Dallas
IMP1834DS	8-pin, SO	5 & 3.3	Low	Push-Pull	DS1834DS			Is=30uA; 40% Lower than Dallas
IMP1834EMA	8-pin, MicroSO	5 & 3.3	Low	Push-Pull	DS1834U			Is=30uA; 40% Lower than Dallas
IMP1834S	8-pin, SO	5 & 3.3	Low	Push-Pull	DS1834S			Is=30uA; 40% Lower than Dallas

Product Family: PWM Controller**

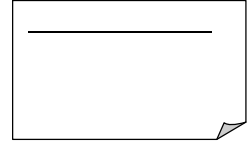
IMP Part #	Package	Start-up Voltage/Min Operating Voltage (V)	Max Duty Cycle (%)	Peak Output Drive(A)	Competition Cross Reference			Comments
					TI/Unitorde	Micrel		
IMP38C42EMA	8-pin, MicroSO	14.5/9.0	96	0.5		MIC38C42BMM		Improved UVLO, No Shoot thru Current
IMP38C42EPA	8-pin, PDIP	14.5/9.0	96	0.5	UC38C42N	MIC38C42BN		Improved UVLO, No Shoot thru Current
IMP38C42EPD	14-pin, PDIP	14.5/9.0	96	0.5		MIC38C42-1BN		Improved UVLO, No Shoot thru Current
IMP38C42ESA	8-pin, SO	14.5/9.0	96	0.5	UC38C42J	MIC38C42BM		Improved UVLO, No Shoot thru Current
IMP38C42ESD	14-pin, SO	14.5/9.0	96	0.5	UC38C42D	MIC38C42-1BM		Improved UVLO, No Shoot thru Current
IMP38C43EMA	8-pin, MicroSO	8.4/7.6	96	0.5		MIC38C43BMM		Improved UVLO, No Shoot thru Current
IMP38C43EPA	8-pin, PDIP	8.4/7.6	96	0.5	UC38C43N	MIC38C43BN		Improved UVLO, No Shoot thru Current
IMP38C43EPD	14-pin, PDIP	8.4/7.6	96	0.5		MIC38C43-1BN		Improved UVLO, No Shoot thru Current
IMP38C43ESA	8-pin, SO	8.4/7.6	96	0.5	UC38C43J	MIC38C43BM		Improved UVLO, No Shoot thru Current
IMP38C43ESD	14-pin, SO	8.4/7.6	96	0.5	UC38C43D	MIC38C43-1BM		Improved UVLO, No Shoot thru Current
IMP38C44EMA	8-pin, MicroSO	14.5/9.0	50	0.5		MIC38C44BMM		Improved UVLO, No Shoot thru Current
IMP38C44EPA	8-pin, PDIP	14.5/9.0	50	0.5	UC38C44N	MIC38C44BN		Improved UVLO, No Shoot thru Current
IMP38C44EPD	14-pin, PDIP	14.5/9.0	50	0.5		MIC38C44-1BN		Improved UVLO, No Shoot thru Current
IMP38C44ESA	8-pin, SO	14.5/9.0	50	0.5	UC38C44J	MIC38C44BM		Improved UVLO, No Shoot thru Current
IMP38C44ESD	14-pin, SO	14.5/9.0	50	0.5	UC38C44D	MIC38C44-1BM		Improved UVLO, No Shoot thru Current
IMP38C45EMA	8-pin, MicroSO	8.4/7.6	50	0.5		MIC38C45BMM		Improved UVLO, No Shoot thru Current
IMP38C45EPA	8-pin, PDIP	8.4/7.6	50	0.5	UC38C45N	MIC38C45BN		Improved UVLO, No Shoot thru Current
IMP38C45EPD	14-pin, PDIP	8.4/7.6	50	0.5		MIC38C45-1BN		Improved UVLO, No Shoot thru Current
IMP38C45ESA	8-pin, SO	8.4/7.6	50	0.5	UC38C45J	MIC38C45BM		Improved UVLO, No Shoot thru Current
IMP38C45ESD	14-pin, SO	8.4/7.6	50	0.5	UC38C45D	MIC38C45-1BM		Improved UVLO, No Shoot thru Current
IMP38HC42EMA	8-pin, MicroSO	14.5/9.0	96	1.0		MIC38HC42BMM		Improved UVLO, No Shoot thru Current
IMP38HC42EPA	8-pin, PDIP	14.5/9.0	96	1.0	UC38HC42N	MIC38HC42BN		Improved UVLO, No Shoot thru Current
IMP38HC42EPD	14-pin, PDIP	14.5/9.0	96	1.0		MIC38HC42-1BN		Improved UVLO, No Shoot thru Current
IMP38HC42ESA	8-pin, SO	14.5/9.0	96	1.0	UC38HC42J	MIC38HC42BM		Improved UVLO, No Shoot thru Current
IMP38HC42ESD	14-pin, SO	14.5/9.0	96	1.0	UC38HC42D	MIC38HC42-1BM		Improved UVLO, No Shoot thru Current
IMP38HC43EMA	8-pin, MicroSO	8.4/7.6	96	1.0		MIC38HC43BMM		Improved UVLO, No Shoot thru Current
IMP38HC43EPA	8-pin, PDIP	8.4/7.6	96	1.0	UC38HC43N	MIC38HC43BN		Improved UVLO, No Shoot thru Current
IMP38HC43EPD	14-pin, PDIP	8.4/7.6	96	1.0		MIC38HC43-1BN		Improved UVLO, No Shoot thru Current
IMP38HC43ESA	8-pin, SO	8.4/7.6	96	1.0	UC38HC43J	MIC38HC43BM		Improved UVLO, No Shoot thru Current
IMP38HC43ESD	14-pin, SO	8.4/7.6	96	1.0	UC38HC43D	MIC38HC43-1BM		Improved UVLO, No Shoot thru Current
IMP38HC44EMA	8-pin, MicroSO	14.5/9.0	50	1.0		MIC38HC44BMM		Improved UVLO, No Shoot thru Current
IMP38HC44EPA	8-pin, PDIP	14.5/9.0	50	1.0	UC38HC44N	MIC38HC44BN		Improved UVLO, No Shoot thru Current
IMP38HC44EPD	14-pin, PDIP	14.5/9.0	50	1.0		MIC38HC44-1BN		Improved UVLO, No Shoot thru Current
IMP38HC44ESA	8-pin, SO	14.5/9.0	50	1.0	UC38HC44J	MIC38HC44BM		Improved UVLO, No Shoot thru Current
IMP38HC44ESD	14-pin, SO	14.5/9.0	50	1.0	UC38HC44D	MIC38HC44-1BM		Improved UVLO, No Shoot thru Current
IMP38HC45EMA	8-pin, MicroSO	8.4/7.6	50	1.0		MIC38HC45BMM		Improved UVLO, No Shoot thru Current
IMP38HC45EPA	8-pin, PDIP	8.4/7.6	50	1.0	UC38HC45N	MIC38HC45BN		Improved UVLO, No Shoot thru Current
IMP38HC45EPD	14-pin, PDIP	8.4/7.6	50	1.0		MIC38HC45-1BN		Improved UVLO, No Shoot thru Current
IMP38HC45ESA	8-pin, SO	8.4/7.6	50	1.0	UC38HC45J	MIC38HC45BM		Improved UVLO, No Shoot thru Current
IMP38HC45ESD	14-pin, SO	8.4/7.6	50	1.0	UC38HC45D	MIC38HC45-1BM		Improved UVLO, No Shoot thru Current

** Temp Range: -40 to 85C



PRODUCT FAMILY LISTING:

- | | |
|----------------------|-----------------------|
| 1. Supervisors | 6. LDO (High Current) |
| 2. PWM Controller | 7. SCSI |
| 3. EL Lamp Drivers | 8. UARTS |
| 4. USB | 9. PCM Data Switch |
| 5. LDO (Low Current) | |



Product Family: EL Lamp Drivers

IMP Part #	Package	Input Voltage(V)	Typical Output Voltage (Vpp)	Adjustable Lamp Driver and Boost Freq.	Competition Cross Reference			Comments
					Sipex	Supertex		
IMP525EMA	8-pin, MicroSO	0.9 to 2.5	112			HV825MG		Pin compatible replacement but external component values should be adjusted.
IMP525ESA	8-pin, SO	0.9 to 2.5	112			HV825LG		Pin compatible replacement but external component values should be adjusted.
IMP803IMA	8-pin, MicroSO	2.0 to 6.5	180			HV803MG		Direct replacement. IMP offers lower power dissipation.
IMP803LG	8-pin, SO	2.0 to 6.5	180		SP4403EU	HV803LG		Direct replacement. IMP offers lower power dissipation.

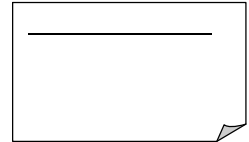
Product Family: USB

IMP Part #	Package	Config.	Max ON Resistance (OHM)	Max. Load Current (A)	Competition Cross Reference			Comments
					TI/Unitrode	Micrel		
IMP2505	8-pin, SO	Single	0.05	2				
IMP2524	16-pin, SO	Quad	0.14	0.5				
IMP2525-1BM	8-pin, SO	Single, Enable=High	0.14	0.5	TPS2014/15	MIC2525-1BM		50% Lower rds(on) compared to Micrel MIC2525
IMP2525-1BN	8-pin, DIP	Single, Enable=High	0.14	0.5	TPS2014/15	MIC2525-1BN		50% Lower rds(on) compared to Micrel MIC2525
IMP2525-2BM	8-pin, SO	Single, Enable=Low	0.14	0.5	TPS2014/15	MIC2525-2BM		50% Lower rds(on) compared to Micrel MIC2525
IMP2525-2BN	8-pin, DIP	Single, Enable=Low	0.14	0.5	TPS2014/15, TPS2041	MIC2525-2BN		50% Lower rds(on) compared to Micrel MIC2525
IMP2525A-1BM	8-pin, SO	Single, Enable=High	0.07	0.5	TPS2014/15, TPS2051			
IMP2525A-1BN	8-pin, DIP	Single, Enable=High	0.07	0.5	TPS2014/15			
IMP2525A-2BM	8-pin, SO	Single, Enable=Low	0.07	0.5	TPS2014/15, TPS2041			
IMP2525A-2BN	8-pin, DIP	Single, Enable=Low	0.07	0.5	TPS2014/15, TPS2041			
IMP2526-1BM	8-pin, SO	Dual, Enable=High	0.14	0.5	TPS2052	MIC2526-1BM		
IMP2526-1BN	8-pin, DIP	Dual, Enable=High	0.14	0.5	TPS2052	MIC2526-1BN		
IMP2526-2BM	8-pin, SO	Dual, Enable=Low	0.14	0.5	TPS2042	MIC2526-2BM		
IMP2526-2BN	8-pin, DIP	Dual, Enable=Low	0.14	0.5	TPS2042	MIC2526-2BN		
IMP2427	16-pin, SO/DIP	Quad	0.3	0.5		MIC2527		



PRODUCT FAMILY LISTING:

1. Supervisors
2. PWM Controller
3. EL Lamp Drivers
4. USB
5. LDO (Low Current)
6. LDO (High Current)
7. SCSI
8. UARTS
9. PCM Data Switch



Product Family: LDO (Low Current)

IMP Part #	Package	Voltage Option (V)	Rated Current (mA)	Max. Dropout Voltage at Rated current	Competition Cross Reference			Comments
					Fairchild Semi	Micrel	National	
IMP2014-2.5JUK/T	SOT-23A-5	2.5	50	70			LP2980AIM5X-2.5	
IMP2014-2.7JUK/T	SOT-23A-5	2.7	50	70			LP2980AIM5X-2.7	
IMP2014-2.85JUK/T	SOT-23A-5	2.85	50	70	ILC7080AIM5-285*	MIC5255		
IMP2014-3.0JUK/T	SOT-23A-5	3	50	70	ILC7080AIM5-30*	MIC5255	LP2980AIM5X-3.0	
IMP2014-3.3JUK/T	SOT-23A-5	3.3	50	70	ILC7080AIM5-33*	MIC5255	LP2980AIM5X-3.3	
IMP2014-3.6JUK/T	SOT-23A-5	3.6	50	70	ILC7080AIM5-36*	MIC5255	LP2980AIM5X-3.6	
IMP2014-4.0JUK/T	SOT-23A-5	4	50	70			LP2980AIM5X-4.0	
IMP2014-5.0JUK/T	SOT-23A-5	5	50	70	ILC7080AIM5-50*	MIC5255	LP2980AIM5X-5.0	
IMP2015-2.5JUK/T	SOT-23A-5	2.5	100	160			LP2981	
IMP2015-2.7JUK/T	SOT-23A-5	2.7	100	160			LP2981	
IMP2015-2.85JUK/T	SOT-23A-5	2.85	100	160	ILC7081AIM5-285*	MIC5255	LP2981	
IMP2015-3.0JUK/T	SOT-23A-5	3	100	160	ILC7081AIM5-30*	MIC5255	LP2981	
IMP2015-3.3JUK/T	SOT-23A-5	3.3	100	160	ILC7081AIM5-33*	MIC5255	LP2981	
IMP2015-3.6JUK/T	SOT-23A-5	3.6	100	160	ILC7081AIM5-36*	MIC5255	LP2981	
IMP2015-4.0JUK/T	SOT-23A-5	4	100	160			LP2981	
IMP2015-5.0JUK/T	SOT-23A-5	5	100	160	ILC7081AIM5-50*	MIC5255	LP2981	
IMP2054-2.5JUK/T	SOT-23A-5	2.5	50	70			LP2980, LP2982	
IMP2054-2.7JUK/T	SOT-23A-5	2.7	50	70			LP2980, LP2982	
IMP2054-2.85JUK/T	SOT-23A-5	2.85	50	70			LP2980, LP2982	
IMP2054-3.0JUK/T	SOT-23A-5	3	50	70			LP2980, LP2982	
IMP2054-3.3JUK/T	SOT-23A-5	3.3	50	70			LP2980, LP2982	
IMP2054-3.6JUK/T	SOT-23A-5	3.6	50	70			LP2980, LP2982	
IMP2054-4.0JUK/T	SOT-23A-5	4	50	70			LP2980, LP2982	
IMP2054-5.0JUK/T	SOT-23A-5	5	50	70			LP2980, LP2982	
IMP2055-2.5JUK/T	SOT-23A-5	2.5	100	160			LP2981	
IMP2055-2.7JUK/T	SOT-23A-5	2.7	100	160			LP2981	
IMP2055-2.85JUK/T	SOT-23A-5	2.85	100	160			LP2981	
IMP2055-3.0JUK/T	SOT-23A-5	3	100	160			LP2981	
IMP2055-3.3JUK/T	SOT-23A-5	3.3	100	160			LP2981	
IMP2055-3.6JUK/T	SOT-23A-5	3.6	100	160			LP2981	
IMP2055-4.0JUK/T	SOT-23A-5	4	100	160			LP2981	
IMP2055-5.0JUK/T	SOT-23A-5	5	100	160			LP2981	
IMP2070JUK/T	SOT-23A-5	Adjustable	50	70	ILC7080AIM5-Adj*		LP2981	
IMP2071JUK/T	SOT-23A-5	Adjustable	100	160	ILC7081AIM5-Adj*		LP2981	
IMP2185-2.5JUK/T	SOT-23A-5	2.5	150	250		MIC5207-2.5BM5*	LP2983/LP2985	
IMP2185-2.7JUK/T	SOT-23A-5	2.7	150	250			LP2983/LP2985	
IMP2185-2.85JUK/T	SOT-23A-5	2.85	150	250	ILC7082AIM5-285*		LP2983/LP2985	
IMP2185-3.0JUK/T	SOT-23A-5	3	150	250	ILC7082AIM5-30*	MIC5207-3.0BM5*	LP2983/LP2985	
IMP2185-3.3JUK/T	SOT-23A-5	3.3	150	250	ILC7082AIM5-33*	MIC5207-3.3BM5*	LP2983/LP2985	
IMP2185-3.6JUK/T	SOT-23A-5	3.6	150	250	ILC7082AIM5-36*	MIC5207-3.6BM5*	LP2983/LP2985	
IMP2185-4.0JUK/T	SOT-23A-5	4	150	250		MIC5207-4.0BM5*	LP2983/LP2985	
IMP2185-5.0JUK/T	SOT-23A-5	5	150	250	ILC7082AIM5-50*	MIC5207-5.0BM5*	LP2983/LP2985	
IMP2186-2.5JUK/T	SOT-23A-5	2.5	150	250		MIC5206-2.5BM5*	LP2983/LP2985	
IMP2186-2.7JUK/T	SOT-23A-5	2.7	150	250		MIC5206-2.7BM5*	LP2983/LP2985	
IMP2186-2.85JUK/T	SOT-23A-5	2.85	150	250			LP2983/LP2985	
IMP2186-3.0JUK/T	SOT-23A-5	3	150	250		MIC5206-3.0BM5*	LP2983/LP2985	
IMP2186-3.3JUK/T	SOT-23A-5	3.3	150	250		MIC5206-3.3BM5*	LP2983/LP2985	
IMP2186-3.6JUK/T	SOT-23A-5	3.6	150	250		MIC5206-3.6BM5*	LP2983/LP2985	
IMP2186-4.0JUK/T	SOT-23A-5	4	150	250		MIC5206-4.0BM5*	LP2983/LP2985	
IMP2186-5.0JUK/T	SOT-23A-5	5	150	250		MIC5206-5.0BM5*	LP2983/LP2985	
IMP2187JUK/T	SOT-23A-5	Adjustable	150	250	ILC7082AIM5-Adj*		LP2983/LP2985	

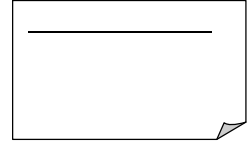
Product Family: LDO (High Current)

IMP Part #	Package	Voltage Option (V)	Rated Current (mA)	Max. Dropout Voltage at Rated current (V)	Competition Cross Reference			Comments
					Fairchild Semi	Micrel	Linear Tech	
IMP37-25JST	3-pin, SOT-223	2.5	800	0.95		MIC37100 MIC39100	LT1117	
IMP37-30JST	3-pin, SOT-223	3	800	0.95		MIC37100 MIC39100	LT1117	
IMP37-33JST	3-pin, SOT-223	3.3	800	0.95		MIC37100 MIC39100	LT1117	
IMP37-25JCM	3-pin, TO-263	2.5	800	0.95		MIC29371	LT1117	IMP part "No Load Dump Protection"
IMP37-30JCM	3-pin, TO-263	3	800	0.95		MIC29371	LT1117	IMP part "No Load Dump Protection"
IMP37-33JCM	3-pin, TO-263	3.3	800	0.95		MIC29371	LT1117	IMP part "No Load Dump Protection"
IMP1117A					FAN1117A		LT1117	



PRODUCT FAMILY LISTING:

- | | |
|----------------------|-----------------------|
| 1. Supervisors | 6. LDO (High Current) |
| 2. PWM Controller | 7. SCSI |
| 3. EL Lamp Drivers | 8. UARTS |
| 4. USB | 9. PCM Data Switch |
| 5. LDO (Low Current) | |



Product Family: SCSI

IMP Part #	Package	Number of Channels	Mode	Sleep Current (uA)	Competition Cross Reference			Comments
					Dallas	Microsemi		
IMP5111CDP	16-pin, SO	9	Single Ended	275		LX5111		
IMP5111CPWP	24-pin, TSSOP	9	Single Ended	275		LX5111		
IMP5112CDP	16-pin, SO	9	Single Ended	275		LX5112		
IMP5112CPWP	24-pin, TSSOP	9	Single Ended	275		LX5112		
IMP5115CD	16-pin, SO	9	Single Ended	375	DS2105Z	LX5115		
IMP5115CDW	16-pin, SOWB	9	Single Ended	375	DS21S07AS, DS21T07S, DS2105S	LX5115		
IMP5115CPWP	20-pin, TSSOP	9	Single Ended	375	DS21S07AE, DS21T07E	LX5115		
IMP5121CDB	56-pin, TSSOP	27	Single Ended	375		LX5121		
IMP5121CPW	44-pin, SSOP	27	Single Ended	375		LX5121		
IMP5218CDW	16-pin, SOWB	9	Single Ended	275		LX5218		
IMP5218CPW	20-pin, TSSOP	9	Single Ended	275		LX5218		
IMP5219CDW	16-pin, SOWB	9	Single Ended	275		LX5219		
IMP5219CPW	20-pin, TSSOP	9	Single Ended	275		LX5219		
IMP5225CDB	28-pin, SSOP	18	Single Ended	275		LX5225		
IMP5225CDWP	28-pin, SOWB	18	Single Ended	275	DS2109S	LX5225		
IMP5226CDB	28-pin, SSOP	18	Single Ended	275		LX5226		
IMP5226CDWP	28-pin, SOWB	18	Single Ended	275		LX5226		
IMP5241CDB	36-pin, SSOP	9	SE/LVD	35	DS2118MB, DS2117MB	LX5241		
IMP5241CPW	24-pin, TSSOP	9	SE/LVD	35		LX5241		
IMP5242CDB	36-pin, SSOP	9	SE/LVD	35		LX5242		
IMP5242CPW	24-pin, TSSOP	9	SE/LVD	35		LX5242		
IMP5245CPW	24-pin, TSSOP	9	LVD			LX5245		
IMP5246CPW	24-pin, TSSOP	9	LVD			LX5246		

Product Family: UARTS

IMP Part #	Package	Operating Voltage, Vcc(V)	Channel	FIFO (Bytes)	Competition Cross Reference			Comments
					EXAR	TI	Phillips	
IMP16C450-CP40	40-pin, DIP	5.0	Single	STD	ST16C450-CP40	TL16C450N		
IMP16C450-CJ44	44-pin, PLCC	5.0	Single	STD	ST16C450-CJ44	TL16C450FN		
IMP16C550-CJ44	44-pin, PLCC	5.0	Single	16	ST16C550-CJ44	TL16C550BFN		
IMP16C550-A48	48-pin, TQFP	5.0	Single	16	ST16C550-CQ44	TL16C550BPT		
IMP16C552-CJ68	68-pin, PLCC	5.0	Dual	16	ST16C552-CJ68	TL16C552FN		
IMP16C554-CJ68	68-pin, PLCC	5.0	Quad	16	ST16C554-CJ68	TL16C554FN		
IMP68C681-CJ44	44-pin, PLCC	5.0	Dual	STD	XR68C681CJ		SCC68692C1A44	
IMP68C681-CP40	40-pin, DIP	5.0	Dual	STD	XR68C681CP		SCC68692C1N40	

Product Family: PCM Data Switch

IMP Part #	Package	Description			Competition Cross Reference			Comments
					Zarlink			
IMP8980DE	40-pin, DIP	PCM Data Switch			MT8980			
IMP8980DP	44-pin, PLCC	PCM Data Switch			MT8980			

end of list

SUNSTAR 商斯达实业集团是集研发、生产、工程、销售、代理经销、技术咨询、信息服务等为一体的高科技企业，是专业高科技电子产品生产厂家，是具有 10 多年历史的专业电子元器件供应商，是中国最早和最大的仓储式连锁规模经营大型综合电子零部件代理分销商之一，是一家专业代理和分销世界各大品牌 IC 芯片和电子元器件的连锁经营综合性国际公司，专业经营进口、国产名厂名牌电子元件，型号、种类齐全。在香港、北京、深圳、上海、西安、成都等全国主要电子市场设有直属分公司和产品展示展销窗口门市部专卖店及代理分销商，已在全国范围内建成强大统一的供货和代理分销网络。我们专业代理经销、开发生产电子元器件、集成电路、传感器、微波光电元器件、工控机/DOC/DOM 电子盘、专用电路、单片机开发、MCU/DSP/ARM/FPGA 软件硬件、二极管、三极管、模块等，是您可靠的一站式现货配套供应商、方案提供商、部件功能模块开发配套商。商斯达实业公司拥有庞大的资料库，有数位毕业于著名高校——有中国电子工业摇篮之称的西安电子科技大学（西军电）并长期从事国防尖端科技研究的高级工程师为您精挑细选、量身订做各种高科技电子元器件，并解决各种技术问题。

微波光电部专业代理经销高频、微波、光纤、光电元器件、组件、部件、模块、整机；电磁兼容元器件、材料、设备；微波 CAD、EDA 软件、开发测试仿真工具；微波、光纤仪器仪表。欢迎国外高科技微波、光纤厂商将优秀产品介绍到中国、共同开拓市场。长期大量现货专业批发高频、微波、卫星、光纤、电视、CATV 器件：晶振、VCO、连接器、PIN 开关、变容二极管、开关二极管、低噪晶体管、功率电阻及电容、放大器、功率管、MMIC、混频器、耦合器、功分器、振荡器、合成器、衰减器、滤波器、隔离器、环形器、移相器、调制解调器；光电子器件和组件：红外发射管、红外接收管、光电开关、光敏管、发光二极管和发光二极管组件、半导体激光二极管和激光器组件、光电探测器和光接收组件、光发射接收模块、光纤激光器和光放大器、光调制器、光开关、DWDM 用光发射和接收器件、用户接入系统光收发器件与模块、光纤连接器、光纤跳线/尾纤、光衰减器、光纤适配器、光隔离器、光耦合器、光环行器、光复用器/转换器；无线收发芯片和模组、蓝牙芯片和模组。MRFXX、三菱 MOTOROLA、爱立信、ASI、富士通等军民用射频产品。惠普 Hp、安捷伦 Agilent 全系列高频放大管，微波集成电路 IC，混频管，PIN 管，肖特基管，MMIC，HEMT 等元器件。可能是惠普 Hp 安捷伦 Agilent 全系列产品现货最多，品类最全，价格最低的一家。竭诚为您服务，期待与你合作。长期以来真正坚持信誉第一，诚实为本！专业现货批发：Hp 惠普（Agilent 安捷伦 PHILIPSNEC、MOTOROLA、TOSHIBA、RFMICRO、HITTE、TYCO 等全系列高频放大管、射频管、微波集成 IC、PIN 管、混频管、肖特基管二、三级管等等。为 Hp 惠普 Agilent 安捷伦、PHILIPS 全系列国内经销商。欢迎索取免费详细资料、设计指南和光盘

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