SHARP MICROELECTRONICS OF THE AMERICAS

Product Change Notification

Type of Notification: Product Discontinuation

ISSUE DATE	LAST BUY DATE	NOTIFICATION NO.	LAST SHIP DATE
15 January 2003	31 March 2003	20030115-01	30 June 2003

This is to advise you that the following product(s) have been discontinued.

Product ID (Description):
Optoelectronics components, per the list below.

Description of Change:
These products are being discontinued.

Effect of Change:
Some models do not have a direct replacement, other models do have a direct replacement or an alternative. Refer to the list below.

Suggested Alternate Devices and/or Manufacturers:

OBSOLETED SHARP PART NO.	SUGGESTED ALTERNATE PART NO.	ALTERNATE MANUFACTURER
BS100G1	BS100C	SHARP
GA100T8R1MZ	GA100T8R2MZ	SHARP
GL430	GL480	SHARP
GL430QAB	GL480Q	SHARP
GL450S	--	--
GL451VH3	--	--
GL481T	--	--
GL484	--	--
GL526J	--	--
GP1A20	GP1A52HR	SHARP
GP1A71I1	GP1A73A	SHARP
GP1A72A2	GP1A074LCS/HCS	SHARP
GP1F31R1	GP1FM520RZ	SHARP
GP1F31R2	GP1FM521TZ	SHARP
GP1F31T1	GP1FM520TZ	SHARP
GP1F31T2	GP1FM521RZ	SHARP
GP1F31TJ	GP1FM520TZ	SHARP
GP1F32RC	GP1FA511RZ	SHARP
GP1F38T2	GP1FA512TZ	SHARP
GP1FY52	--	--
GP1L02M	GP1L52V	SHARP
GP1L03	GP1L52V	SHARP
GP1S01	GP1S51V	SHARP
GP1S08QY	GP1SQ51V	SHARP

OBSOLETED SHARP PART NO.	SUGGESTED ALTERNATE PART NO.	ALTERNATE MANUFACTURER
GP1S34	GP1S093HCZ	SHARP
GP1S525M	GP1S525V	SHARP
GP1S96F	GP1S096HCZ	SHARP
GP1S97R	GP1S097HCZ	SHARP
GP1SQ05C	GP1SQ51V	SHARP
GP1SQ53	--	--
GP1U261R	GP1UD or GP1UM Series	SHARP
GP1U261X	GP1UD or GP1UM Series	SHARP
GP1U262R	GP1UD or GP1UM Series	SHARP
GP1U262X	GP1UD or GP1UM Series	SHARP
GP1U263X	GP1UD or GP1UM Series	SHARP
GP1U267R	GP1UD or GP1UM Series	SHARP
GP1U267X	GP1UD or GP1UM Series	SHARP
GP1U26R	GP1UD or GP1UM Series	SHARP
GP1U26RM	GP1UD or GP1UM Series	SHARP
GP1U26X	GP1UD or GP1UM Series	SHARP
GP1U26XB	GP1UD or GP1UM Series	SHARP
GP1U26XD	GP1UD or GP1UM Series	SHARP
GP1U26XV	GP1UD or GP1UM Series	SHARP
GP1U270R	GP1UD or GP1UM Series	SHARP
GP1U270X	GP1UD or GP1UM Series	SHARP
GP1U271R	GP1UD or GP1UM Series	SHARP
GP1U271X	GP1UD or GP1UM Series	SHARP
GP1U272R	GP1UD or GP1UM Series	SHARP
GP1U272X	GP1UD or GP1UM Series	SHARP
GP1U277R	GP1UD or GP1UM Series	SHARP
GP1U277S	GP1UD or GP1UM Series	SHARP
GP1U277X	GP1UD or GP1UM Series	SHARP
GP1U27RK	GP1UD or GP1UM Series	SHARP
GP1U27RM	GP1UD or GP1UM Series	SHARP
GP1U27RR	GP1UD or GP1UM Series	SHARP
GP1U27X	GP1UD or GP1UM Series	SHARP
GP1U27XB	GP1UD or GP1UM Series	SHARP
GP1U27XD	GP1UD or GP1UM Series	SHARP
GP1U27XM	GP1UD or GP1UM Series	SHARP
GP1U27XP	GP1UD or GP1UM Series	SHARP
GP1U280X	GP1UD or GP1UM Series	SHARP
GP1U281Q	GP1UD or GP1UM Series	SHARP
GP1U281R	GP1UD or GP1UM Series	SHARP
GP1U281X	GP1UD or GP1UM Series	SHARP
GP1U281Y	GP1UD or GP1UM Series	SHARP
GP1U282Q	GP1UD or GP1UM Series	SHARP
GP1U282R	GP1UD or GP1UM Series	SHARP
GP1U282X	GP1UD or GP1UM Series	SHARP
GP1U282Y	GP1UD or GP1UM Series	SHARP
GP1U283Q	GP1UD or GP1UM Series	SHARP
GP1U283R	GP1UD or GP1UM Series	SHARP
GP1U283X	GP1UD or GP1UM Series	SHARP
GP1U283Y	GP1UD or GP1UM Series	SHARP
GP1U287Q	GP1UD or GP1UM Series	SHARP
GP1U287R	GP1UD or GP1UM Series	SHARP
GP1U287T	GP1UD or GP1UM Series	SHARP
GP1U287X	GP1UD or GP1UM Series	SHARP

OBSOLETED SHARP PART NO.	SUGGESTED ALTERNATE PART NO.	ALTERNATE MANUFACTURER
GP1U287Y	GP1UD or GP1UM Series	SHARP
GP1U28Q	GP1UD or GP1UM Series	SHARP
GP1U28QK	GP1UD or GP1UM Series	SHARP
GP1U28QL	GP1UD or GP1UM Series	SHARP
GP1U28QP	GP1UD or GP1UM Series	SHARP
GP1U28RM	GP1UD or GP1UM Series	SHARP
GP1U28X	GP1UD or GP1UM Series	SHARP
GP1U28XB	GP1UD or GP1UM Series	SHARP
GP1U28XD	GP1UD or GP1UM Series	SHARP
GP1U28XP	GP1UD or GP1UM Series	SHARP
GP1U28XV	GP1UD or GP1UM Series	SHARP
GP1U28Y	GP1UD or GP1UM Series	SHARP
GP1U290Q	GP1UD or GP1UM Series	SHARP
GP1U291Q	GP1UD or GP1UM Series	SHARP
GP1U292Q	GP1UD or GP1UM Series	SHARP
GP1UC7XB	GP1UD or GP1UM Series	SHARP
GP2D041	--	--
GP2S05	GP2S40	SHARP
GP2S05J	GP2S40	SHARP
GP2S20TJ	--	--
GP2U05	--	--
GP2W0110YPA	GP2W0110YPS	SHARP
GP2W0110YPC	GP2W0110YPS	SHARP
GP3A07	--	--
GP3A103	GP1A10	SHARP
GP3A21V	GP1A73A	SHARP
GP3A37	--	--
GP3A71	GP1A074LCS/HCS	SHARP
GP3A77	--	--
GP3L11	--	--
GP3S200HCS	--	--
GP4A14A	--	--
GP4A14A1	--	--
GP6A040RBKL	GP1A038RBKL	SHARP
GP7S525M	GP1S525V	SHARP
GP7SQ05C	GP1SQ51V	SHARP
IS1650	IS1684 or IS1685	SHARP
IS1F07	--	--
IS437SH	--	--
IS437SH1	--	--
IS476N	--	--
PC111LY5	PC123Y series	SHARP
PC111Y12	PC123Y series	SHARP
PC112L	PC123Y series	SHARP
PC113L1	PC123Y series	SHARP
PC123Y41	PC123Y series	SHARP
PC356M1	PC357series	SHARP
PC357M6T	PC357N6	SHARP
PC357M9T	PC357N9	SHARP
PC3H2AC	PC3H71xNiP	SHARP
PC3H4R	PC3H4	SHARP

OBSOLETED SHARP PART NO.	SUGGESTED ALTERNATE PART NO.	ALTERNATE MANUFACTURER
PC3Q62	PC3Q710NiP	SHARP
PC410K	PC410L0NiP	SHARP
PC410KT	PC410L0NiT	SHARP
PC410TE	PC410L0NiT	SHARP
PC417	PC457L0NiP	SHARP
PC417E	PC457L0NiP	SHARP
PC417T	PC457L0NiT	SHARP
PC417T11	PC457L0NiP	SHARP
PC452Z	PC45	SHARP
PC457	PC457L0NiP	SHARP
PC4SE11NSZ	PC4SF11YVZA	SHARP
PC4SE11YSZ	PC4SF11YTZA	SHARP
PC702V1	PC702V1NSZX	SHARP
PC702V2	PC702V2NSZX	SHARP
PC703V1	PC703V1NSZX	SHARP
PC703V2	PC703V2NSZX	SHARP
PC703V4	PC703V4NSZX	SHARP
PC703VI4	PC703V4NiZX	SHARP
PC703VY	PC703V0YSZX	SHARP
PC713JI3	PC713V3NiZX	SHARP
PC713V1	PC713V1NSZX	SHARP
PC713V2	PC713V2NSZX	SHARP
PC713V2Y	PC713V2YSZX	SHARP
PC713V6	PC713V6NSZX	SHARP
PC714V5Y	PC714V5NSZX	SHARP
PC716VJ	PC716V0NSZX	SHARP
PC724W	PC724V0NiZX	SHARP
PC725ZY	PC725VOYSZX	SHARP
PC814Y11	PC814XP1	SHARP
PC816A	PC817X1	SHARP
PC816AD	PC817X9	SHARP
PC816B	PC817X2	SHARP
PC816BD	PC817X9	SHARP
PC816BH	PC817Xseries	SHARP
PC816C	PC817X3	SHARP
PC816CDH	PC817X7	SHARP
PC816P11	CUSTOM	SHARP
PC817I7	PC817XP7	SHARP
PC817P5	PC817XP5	SHARP
PC817P9	PC817XP9	SHARP
PC817X2K	PC817X2	SHARP
PC817XMJ	PC817X	SHARP
PC817XU	PC123	SHARP
PC826AB	PC827AB	SHARP
PC826HJ	PC827	SHARP
PC827Y	2 x PC123	SHARP
PC835	3 x PC815	SHARP
PC837AB	3 x PC817X5	SHARP
PC837BC	3 x PC817X6	SHARP
PC837BD	3 x PC817X9	SHARP
PC837CD	3 x PC817X7	SHARP
PC837J	3 x PC817X	SHARP
PC837Y	3 x PC123	SHARP

OBSOLETED SHARP PART NO.	SUGGESTED ALTERNATE PART NO.	ALTERNATE MANUFACTURER
PC846AC	PC847X8	SHARP
PC846AD	PC847X0	SHARP
PC846BC	PC847X6	SHARP
PC851K	PC851X	SHARP
PC851P	PC851XP	SHARP
PC852I	PC852XP	SHARP
PC852P	PC852Xseries	SHARP
PC895J	4 x PC853X	SHARP
PC904	PC905	SHARP
PC910X	PC910L0NSZ	SHARP
PC910XK	PC910L0NSZ	SHARP
PC915	PC957L0NSZ	SHARP
PC917X	PC957L0NSZ	SHARP
PC917XS	PC957L0NSZ	SHARP
PC928P	PC929P	SHARP
PC9D10I	PC4D100NiP	SHARP
PC9D17I	PC4D570NiP	SHARP
PD3131F	--	--
PD3171F	--	--
PD672PS5	--	--
PQ05RF1A	PQ050RD01SZ	SHARP
PQ05RF1D	PQ050RD01SZ	SHARP
PQ05RR13	PQ05RR12	SHARP
PQ05SZ1	PQ05DZ11	SHARP
PQ05SZ1T	PQ05DZ1U	SHARP
PQ05TZ51	PQ05DZ51	SHARP
PQ09RD1X	--	--
PQ09RH1	PQ09RD21	SHARP
PQ09RH11	PQ09RD21	SHARP
PQ09SZ1	PQ09DZ11	SHARP
PQ09SZ11	PQ09DZ11	SHARP
PQ09SZ5	PQ09DZ51	SHARP
PQ09SZ5T	PQ09DZ5U	SHARP
PQ0M003	--	--
PQ0M007	--	--
PQ12RF13	PQ12RD11	SHARP
PQ12RF1A	PQ12RD11	SHARP
PQ12RF1J	PQ12RD11	SHARP
PQ12RF2A	PQ12RD21	SHARP
PQ12SZ1	PQ12DZ11	SHARP
PQ12SZ5	PQ12DZ51	SHARP
PQ12SZ5T	PQ12DZ5U	SHARP
PQ12TZ11	PQ12DZ11	SHARP
PQ12TZ51	PQ12DZ51	SHARP
PQ15RF2H	--	--
PQ1T181M2ZP	PQ1X181M2ZP	SHARP
PQ1T251M2ZP	PQ1X251M2ZP	SHARP
PQ1T271M2ZP	PQ1X271M2ZP	SHARP
PQ1T301M2ZP	PQ1X301M2ZP	SHARP
PQ1T311M2ZP	PQ1X311M2ZP	SHARP
PQ1T321M2ZP	PQ1X321M2ZP	SHARP
PQ1T32KM2ZP	--	--
PQ1T331M2ZP	PQ1X331M2ZP	SHARP

OBSOLETED SHARP PART NO.	SUGGESTED ALTERNATE PART NO.	ALTERNATE MANUFACTURER
PQ1T501M2ZP	PQ1X501M2ZP	SHARP
PQ3TZ50	PQ030EZ5MZZ	SHARP
PQ7VZ5	PQ7VZ5U	SHARP
PT430F	PT480F	SHARP
PT4810FM	--	--
RY5FD3KC	--	--
S101DH1L	PR3BMF11NSZ	SHARP
S101DH1X	PR3BMF11NSZ	SHARP
S101DH2L	PR21HD22NSZ	SHARP
S101DH2X	PR21HD22NSZ	SHARP
S102S01J	PR308T11ESZ	SHARP
S102S11L	PR308S31ESU	SHARP
S102S12L	PR308S41ESU	SHARP
S112S01J	PR308T11ESZ	SHARP
S112S02	PR308T21ESZ	SHARP
S112S02J	PR308T21ESZ	SHARP
S116S01J	--	--
S116S01L	--	--
S11ME6M	S21ME6	SHARP
S11MS7	S2S3L	SHARP
S12MD3	--	--
S16MD01L	PR26MF11NSZ	SHARP
S16MD02J	PR26MF21NSZ	SHARP
S16MD02L	PR26MF21NSZ	SHARP
S201DH1L	--	--
S201DH1X	--	--
S201DH2L	PR31HD22NSZ	SHARP
S201DH2X	PR31HD22NSZ	SHARP
S202S11L	PR308S31ESU	SHARP
S202S12L	PR308S41ESU	SHARP
S202SE1L	--	--
S202SE2L	--	--
S208T01	PR308T11ESZ	SHARP
S212S01J	--	--
S212S02	--	--
S216S01J	--	--
S216S01L	--	--
S216S02L	--	--
S216SE1L	--	--
S216SE2L	--	--
S21MD4TV	PC3SD21NTZC	SHARP
S21MD9TY	PC3SD11YTZB	SHARP
S21ME4LY	PC3SF21YWZB	SHARP
S21ME4SY	PC3SF21YXPB	SHARP
S21ME4UY	PC3SF21YWZB	SHARP
S21ME5F	PC3SF11NVZA	SHARP
S21ME6IY	PC3SF21YXZA	SHARP
S21ME6LY	PC3SF21YVZA	SHARP
S21ME6WY	PC3SF21YXZA	SHARP
S21ME8F	PC4SF21YVZC	SHARP
S21MS3AY	S2S3AY	SHARP
S21MS3B	S2S3B	SHARP
S21MS4B	S2S4B	SHARP

OBSOLETED SHARP PART NO.	SUGGESTED ALTERNATE PART NO.	ALTERNATE MANUFACTURER
S21MS7B	S2S3LB	SHARP
S21P16M4	--	--
S22MD2	--	--
S23MD01	PR23MF11NSZ	SHARP

Product Change Notification (cont'd)

Customers must notify SHARP Microelectronics of the Americas in writing 90 days before the last buy date if they consider the discontinued product to be "Single Source". SHARP Microelectronics and the customer may negotiate an appropriate End-of-Life Agreement.

In case of further questions, please contact your SHARP sales representative.

Customer Acknowledgement of receipt of product discontinuance.

Acceptance:

Name _____ Title_____

Company _____ Date _____