

Renesas Technology MPU List

Minato Electronics, Inc.

SuperH RISC engine family

UD:under development NS:no support

2005.10.26

Device Name	Device HD Name	Package	Adapter	Code	Device Display	VPP	1890A	1891,1892	1930	1931,1893	1895	1940	1881/XP/UXP
SH7017F	HD64F7017F	FP-112	ME7044ESHF1H	B6F1	FZTAT128	5V	V-4.32N	V-4.33K2	V-3.23G	V-1.00	-	-	V-3.60
			ME7044ESHF1V	0A03A0	FZTAT128_5v		-	-	-	-	V-1.00	V-1.22	-
SH7018F	HD64F7018X	TFP-100B	ME7018ESNF1H	B6F2	FZTAT256	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-3.60
			ME7018ESNF1V	0A04A1	FZTAT256_3.3v		-	-	-	-	V-1.00	V-1.22	-
SH7021	HD6477021TE	TFP-100B	ME7021ESN01H	E720	HN_C101	12.5V	V-4.1	V-4.0	V-2.0	V-1.00	-	-	V-3.70
SH7034	HD6477034F	FP-112	ME7034ESH01H	E720	HN_C101	12.5V	V-4.1	V-4.0	-	-	-	-	-
			ME7034ESH03H				-	-	V-2.0	V-1.00	-	-	-
SH7042A	HD6477042AF	FP-112	ME7042ESH01H	E720	HN_C101	12.5V	V-4.1	V-4.0	V-2.0	V-1.00	-	-	V-3.70
	HD6477042AX	TFP-120	ME7042ESNS1H										
SH7043A	HD6477043AF	FP-144	ME7043ESH01H	E720	HN_C101	12.5V	V-4.1	V-4.0	V-2.0	V-1.00	-	-	V-3.70
		LQFP-144	ME7043ESLS 1H										
SH7044F	HD64F7044F	FP-112	ME7044ESHF1H	B6F2	FZTAT256	5V	V-4.32N	V-4.33K2	V-3.24E	V-1.00	-	-	V-3.60
			ME7044ESHF1V	0A04A0	FZTAT256_5v		-	-	-	-	V-1.00	V-1.22	-
SH7045F	HD64F7045F	FP-144	ME7045ESHF1H	B6F2	FZTAT256	5V	V-4.32N	V-4.33K2	V-3.24E	V-1.00	-	-	V-3.60
			ME7045ESHF1V	0A04A0	FZTAT256_5v		-	-	-	-	V-1.00	V-1.22	-
SH7046F	HD64F7046F	FP-80Q	ME7046ESHF1H	B6F2	FZTAT256	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-3.60(HD64F3022F)
			ME7046ESHF1V	0A04A1	FZTAT256_3.3V		-	-	-	-	C	V-1.22	-
SH7047F	HD64F7047F	FP-100M	ME7047ESHF1H	B6F2	FZTAT256	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-3.60(HD64F3022F)
			ME7047ESHF1V	0A04A1	FZTAT256_3.3v		-	-	-	-	C	V-1.22	-
		FP-100T	ME7047ESLF1H	B6F2	FZTAT256	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-3.60(HD64F3022F)
			ME7047ESLF1V	0A04A1	FZTAT256_3.3V		-	-	-	-	C	V1.22	-
SH7050F	HD64F7050SF	FP-168	ME7050ESHF1H	B6F1	FZTAT128	5V	V-4.32N	V-4.33K2	V-3.23G	V-1.00	-	-	V-3.60
			ME7050ESHF1V	0A03A0	FZTAT128_5v		-	-	-	-	V-1.00	V-1.22	-
SH7051F	HD64F7051F	FP-168	ME7050ESHF1H	B6F2	FZTAT256	5V	V-4.32N	V-4.33K2	V-3.24E	V-1.00	-	-	V-4.10
			ME7050ESHF1V	0A04A0	FZTAT256_5v		-	-	-	-	V-1.00	V-1.22	-
SH7052F	HD64F7052F	FP-208A	ME7054ESHF1H	B6F2	FZTAT256	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-3.60(HD64F3022F)
			ME7054ESHF1V	0A04A1	FZTAT256_3.3V		-	-	-	-	C	V-1.22	-
SH7053F	HD64F7053F	FP-208A	ME7054ESHF1H	B6F2	FZTAT256	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-3.60(HD64F3022F)
			ME7054ESHF1V	0A04A1	FZTAT256_3.3V		-	-	-	-	C	V-1.22	-
SH7054F	HD64F7054F	FP-208A	ME7054ESHF1H	B6F4	FZTAT512	3.3V	V-4.32R1	V-4.33R4	V-3.25F	V-1.00	-	-	V-3.60(HD64F2199F)
			ME7054ESHF1V	0A05A1	FZTAT512_3.3v		-	-	-	-	C	V-1.22	-
SH7055F	HD64F7055RF	FP-256H	ME7055ESHF1H	B6F4	FZTAT512	3.3V	V-4.32R1	V-4.33R4	V-3.25F	V-1.00	-	-	V-3.60
			ME7055ESHF1V	0A05A1	FZTAT512_3.3v		-	-	-	-	C	V-1.22	-
	HD64F7055RBP	PBGA-256	ME7055ESBF1H	B6F4	FZTAT512	3.3V	V-4.32R1	V-4.33R4	V-3.25F	V-1.00	-	-	V-3.60(HD64F7055RF)
			ME7055ESBF1V	0A05A1	FZTAT512_3.3v		-	-	-	-	C	V-1.22	-
SH7055SF	HD64F7055SF	FP-256A	ME7059ESHF1H	B6F4	FZTAT512	3.3V	V-4.32R1	V-4.33R4	V-3.25F	V-1.00	-	-	V-3.60
			ME7059ESHF1V	0A05A1	FZTAT512_3.3v		-	-	-	-	C	V-1.22	-
SH7058F	HD64F7058F	FP-256A	ME7059ESHF1H	B6F6	FZTAT1024	3.3V	NS	NS	NS	V-2.00A	-	-	V-5.30

			ME7059ESHF1V	0A06A1	FZTAT1024_3.3V		-	-	-	-	V-1.10	V-1.45C	-
--	--	--	--------------	--------	----------------	--	---	---	---	---	--------	---------	---

SuperH RISC engine family

Device Name	Device HD Name	Package	Adapter	Code	Device Display	VPP	1890A	1891,1892	1930	1931,1893	1895	1940	1881/XP/UXP
SH7059F	R4F70590KFP	FP-256H	ME7059ESHF1H	B6F7	FZTAT2048	3.3V	NS	NS	NS	V-2.11F	-	-	C
			ME7059ESHF1V	0A07A3 0A07A2	FZTAT2048_3.3V		-	-	-	-	V1.20D	-	-
	R4F70590KBG	BP-272	ME7059ESHF1H	B6F7	FZTAT2048	3.3V	NS	NS	NS	V-2.11F	-	-	C
			ME7059ESHF1V	0A07A3 0A07A2	FZTAT2048_3.3V		-	-	-	-	V1.20D	-	-
SH7065F	HD64F7065AF	LQFP-176	ME7065ESLF1H	B6F2	FZTAT256	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-3.60
ME7065ESLF1V	0A04A1	FZTAT256_3.3v	-	-	-		-	C	V-1.22	-	-		
SH7083F	R5F70834N80FP	TFP-100B	ME7083ESNF1H	B6F2	FZTAT256	5V	V-4.32N	V-4.33K2	V-3.24E	V-1.00	-	-	V-3.60(HD64F3064FP)
			ME7083ESNF1V	0A04A0	FZTAT256_5v		-	-	-	-	V-1.00	V-1.22	-
SH7084F	R5F70844N80FP	FP-112E	ME7084ESEF1H	B6F2	FZTAT256	5V	V-4.32N	V-4.33K2	V-3.24E	V-1.00	-	-	V-3.60(HD64F3064FP)
			ME7084ESEF1V	0A04A0	FZTAT256_5v		-	-	-	-	V-1.00	V-1.22	-
SH7085F	R5F70854N80FP	FP-144L	ME7085ESLF1H	B6F2	FZTAT256	5V	V-4.32N	V-4.33K2	V-3.24E	V-1.00	-	-	V-3.60(HD64F3064FP)
			ME7085ESLF1V	0A04A0	FZTAT256_5v		-	-	-	-	V-1.00	V-1.22	-
	R5F70855N80FP		ME7085ESLF1H	B6F4	FZTAT512	5V	V-4.32R1	V-4.33R4	V-3.25F	V-1.00	-	-	V-3.60(HD64F3052F)
			ME7085ESLF1V	0A05A0	FZTAT512_5v		-	-	-	-	V-1.00	V-1.22	-
SH7086F	R5F70865N80FP	FP-176E	ME7086ESEF1H	B6F4	FZTAT512	5V	V-4.32R1	V-4.33R4	V-3.25F	V-1.00	-	-	V-3.60(HD64F3052F)
			ME7086ESEF1V	0A05A0	FZTAT512_5v		-	-	-	-	V-1.00	V-1.22	-
SH7144F	HD64F7144F	FP-112B	ME7144ESHF1H	B6F2	FZTAT256	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-3.60(HD64F3022F)
			ME7144ESHF1V	0A04A1	FZTAT256_3.3v		-	-	-	-	C	C	-
SH7145F	HD64F7145F	FP-144F	ME7145ESHF1H	B6F2	FZTAT256	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-3.60(HD64F3022F)
			ME7145ESHF1V	0A04A1	FZTAT256_3.3v		-	-	-	-	V-1.00	V-1.22	-
SH7146F	R5F71464N80FP	FP-80W	ME7146ESWF1H	B6F2	FZTAT256	5V	V-4.32N	V-4.33K2	V-3.24E	V-1.00	-	-	V-3.60(HD64F3064FP)
			ME7146ESWF1V	0A04A0	FZTAT256_5v		-	-	-	-	V-1.00	V-1.22	-
SH7149F	R5F71494N80FP	FP-100U	ME7149ESUF1H	B6F2	FZTAT256	5V	V-4.32N	V-4.33K2	V-3.24E	V-1.00	-	-	V-3.60(HD64F3064FP)
			ME7149ESUF1V	0A04A0	FZTAT256_5v		-	-	-	-	V-1.00	V-1.22	-

H8SX family

Device	Device HD Code	Package	Adapter	Code	Device Display	VPP	1890A	1891/92	1930	1931,1893	1895	1940	1881/XP/UXP
H8SX/1525F	R5F61525FP	FP-100M	ME1527ESHF1H	B6F2	FZTAT256	5V	V-4.32N	V-4.33K2	V-3.24E	V-1.00	-	-	V-3.60(HD64F3064FP)
			ME1527ESHF1V	0A04A0	FZTAT256_5v		-	-	-	-	V-1.00	V-1.22	-
H8SX/1527F	R5F61527FP		ME1527ESHF1H	B6F2	FZTAT256	5V	V-4.32N	V-4.33K2	V-3.24E	V-1.00	-	-	V-3.60(HD64F3064FP)
			ME1527ESHF1V	0A04A0	FZTAT256_5v		-	-	-	-	V-1.00	V-1.22	-
H8SX/1653F	R5F61653FT	TFP-120	ME1653ESNF1H	B6F4	FZTAT512	3.3V	V-4.32R1	V-4.33R4	V-3.25F	V-1.00	-	-	V-3.60(HD64F2199F)
			ME1653ESNF1V	0A05A1	FZTAT512_3.3v		-	-	-	-	V-1.00	V-1.22	-
H8SX/1657F	R5F61657FT	TFP-120	ME1657ESNF1H	B6F6	FZTAT1024	3.3V	NS	NS	NS	V2.00A	-	-	V5.30(HD64F7058F)
			ME1657ESNF1V	0A06A1	FZTAT1024_3.3V		-	-	-	-	V-1.00	V-1.45C	-

H8S/2100 Series

Device	Device HD Code	Package	Adapter	Code	Device Display	VPP	1890A	1891/92	1930	1931,1893	1895	1940	1881/XP/UXP
H8S/2110BF	HD64F2110BVFA	FP-100B	ME2148ESHF2H	B6F0	FZTAT64	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-4.50(HD64F2169YTE)
			ME2148ESHF2V	0A02A1	FZTAT64_3.3V		-	-	-	-	C	V-1.22	-
H8S/2104F	HD64F2104TE	TFP-144	ME2114ESNF1H	B6F6	FZTAT1024	3.3V	NS	NS	NS	V-2.00A	-	-	V5.30(HD64F7058F)
			ME2114ESNF1V	0A06A1	FZTAT1024_3.3V		-	-	-	-	V-1.10	V-1.45C	-
H8S/2114F	HD64F2114TE	TFP-144	ME2114ESNF1H	B6F6	FZTAT1024	3.3V	NS	NS	NS	V-2.00A	-	-	V5.30(HD64F7058F)
			ME2114ESNF1V	0A06A1	FZTAT1024_3.3V		-	-	-	-	V-1.10	V-1.45C	-

H8S/2100 Series

Device	Device HD Code	Package	Adapter	Code	Device Display	VPP	1890A	1891/92	1930	1931,1893	1895	1940	1881/XP/UXP
H8S/2116F	HD64F2116TE	TFP-144	ME2114ESNF1H	B6F1	FZTAT128	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-5.20(HD64F3024F)
			ME2114ESNF1V	0A03A1	FZTAT128_3.3v		-	-	-	-	V-1.00	V-1.22	-
H8S/2128	R4F2116VTE20	BP-176V	ME2116ESBF1H	B6F1	FZTAT128	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-5.20(HD64F3024F)
			ME2116ESBF1V	0A03A1	FZTAT128_3.3v		-	-	-	-	V-1.00	V-1.22	-
H8S/2128	HD6472128PS	DP-64S	ME2128ESS01H	E720	HN_C101	12.5V	V-4.1	V-4.0	V-2.0	V-1.00	-	-	V-3.70(HN27C101 up only)
	HD6472128FA	FP-64A	ME2128ESH01H										
	HD6472128TF	TFP-80C	ME2128ESN01H										
H8S/2128F	HD64F2128PS	DP-64S	ME2128ESSF1H	B6F1	FZTAT128	5V	V-4.32N	V-4.33K2	V-3.23G	V-1.00	-	-	V-3.60
			ME2128ESSF1V	0A03A0	FZTAT128_5v		-	-	-	-	C	V-1.22	-
	HD64F2128FA	FP-64A	ME2128ESBF1H	B6F1	FZTAT128	5V	V-4.32N	V-4.33K2	V-3.23G	V-1.00	-	-	V-3.60
			ME2128ESHF1V	0A03A0	FZTAT128_5v		-	-	-	-	V-1.00	V-1.22	-
HD64F2128TF	TFP-80C	ME2128ESNF1H	B6F1	FZTAT128	5V	V-4.32N	V-4.33K2	V-3.23G	V-1.00	-	-	V-3.60	
		ME2128ESNF1V	0A03A0	FZTAT128_5v		-	-	-	-	V-1.00	V-1.22	-	
H8S/2132RF	HD64F2132RFA	FP-80A	ME2138ESHF2H	B6F0	FZTAT64	5V	V-4.32N	V-4.33N	V-3.23G	V-1.00	-	-	V-4.10
			ME2138ESHF2V	0A02A0	FZTAT64_5v		-	-	-	-	V-1.00	V-1.22	-
	HD64F2132RTF	TFP-80C	ME2138ESNF2H	B6F0	FZTAT64	5V	V-4.32N	V-4.33N	V-3.23G	V-1.00	-	-	V-4.10
		ME2138ESNF2V	0A02A0	FZTAT64_5v	-		-	-	-	C	V-1.22	-	
H8S/2132RVF	HD64F2132RVFA	FP-80A	ME2138ESHF2H	B6F0	FZTAT64	5V	V-4.32N	V-4.33N	V-3.23G	V-1.00	-	-	V-4.10
			ME2138ESHF2V	0A02A0	FZTAT64_5v		-	-	-	-	V-1.00	V-1.22	-
	HD64F2132RVTF	TFP-80C	ME2138ESNF2H	B6F0	FZTAT64	5V	V-4.32N	V-4.33N	V-3.23G	V-1.00	-	-	V-4.10
		ME2138ESNF2V	0A02A0	FZTAT64_5v	-		-	-	-	C	V-1.22	-	
H8S/2134F	HD64F2134FA	FP-80A	ME2138ESHF2H	B6F1	FZTAT128	5V	V-4.32N	V-4.33K2	V-3.23G	V-1.00	-	-	V-3.60
			ME2138ESHF2V	0A03A0	FZTAT128_5v		-	-	-	-	V-1.00	V-1.22	-
	HD64F2134TF	TFP-80C	ME2138ESNF2H	B6F1	FZTAT128	5V	V-4.32N	V-4.33K2	V-3.23G	V-1.00	-	-	V-3.60
		ME2138ESNF2V	0A03A0	FZTAT128_5v	-		-	-	-	C	V-1.22	-	
H8S/2134AF	HD64F2134AFA	FP-80A	ME2138ESHF2H	B6F1	FZTAT128	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-5.20(HD64F3024F)
			ME2138ESHF2V	0A03A1	FZTAT128_3.3v		-	-	-	-	V-1.00	V-1.22	-
H8S/2138F	HD64F2138FA	FP-80A	ME2138ESHF2H	B6F1	FZTAT128	5V	V-4.32N	V-4.33K2	V-3.23G	V-1.00	-	-	V-4.10
			ME2138ESHF2V	0A03A0	FZTAT128_5v		-	-	-	-	V-1.00	V-1.22	-
	HD64F2138TF	TFP-80C	ME2138ESNF2H	B6F1	FZTAT128	5V	V-4.32N	V-4.33K2	V-3.23G	V-1.00	-	-	V-4.10
		ME2138ESNF2V	0A03A0	FZTAT128_5v	-		-	-	-	V-1.00	V-1.22	-	
H8S/2138VF	HD64F2138VFA	FP-80A	ME2138ESHF2H	B6F1	FZTAT128	5V	V-4.32N	V-4.33K2	V-3.23G	V-1.00	-	-	V-3.60
			ME2138ESHF2V	0A03A0	FZTAT128_5v		-	-	-	-	V-1.00	V-1.22	-
	HD64F2138VTF	TFP-80C	ME2138ESNF2H	B6F1	FZTAT128	5V	V-4.32N	V-4.33K2	V-3.23G	V-1.00	-	-	V-4.10

H8S/2140BF	HD64F2140BFA	FP-100B	ME2138ESNF2V	0A03A0	FZTAT128_5v	5V	-	-	-	-	V-1.00	V-1.22	-
			ME2148ESHF2H	B6F0	FZTAT64	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-4.50(HD64F2169YTE)
	HD64F2140BTE	TFP-100B	ME2148ESNF2H	B6F0	FZTAT64	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-4.50(HD64F2169YTE)
			ME2148ESHF2V	0A02A1	FZTAT64_3.3V	-	-	-	-	V-1.00	V-1.22	-	
H8S/2141BF	HD64F2141BFA	FP-100B	ME2148ESHF2H	B6F1	FZTAT128	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-5.20(HD64F3024F)
			ME2148ESHF2V	0A03A1	FZTAT128_3.3V	-	-	-	-	V-1.00	V-1.22	-	
	HD64F2141BTE	TFP-100B	ME2148ESNF2H	B6F1	FZTAT128	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-5.20(HD64F3024F)
			ME2148ESNF2V	0A03A1	FZTAT128_3.3V	-	-	-	-	V-1.00	V-1.22	-	
H8S/2142RF	HD64F2142RFA	FP-100B	ME2148ESHF2H	B6F0	FZTAT64	5V	V-4.32N	V-4.33N	V-3.24E	V-1.00	-	-	V-4.10
			ME2148ESHF2V	0A02A0	FZTAT64_5v	-	-	-	-	V-1.00	V-1.22	-	
	HD64F2142RTE	TFP-100B	ME2148ESNF2H	B6F0	FZTAT64	5V	V-4.32N	V-4.33N	V-3.23G	V-1.00	-	-	V-4.10
			ME2148ESNF2V	0A02A0	FZTAT64_5v	-	-	-	-	V-1.00	V-1.22	-	

H8S/2100 Series

Device	Device HD Code	Package	Adapter	Code	Device Display	VPP	1890A	1891/92	1930	1931,1893	1895	1940	1881/XP/UXP
H8S/2142RVF	HD64F2142RVFA	FP-100B	ME2148ESHF2H	B6F0	FZTAT64	5V	V-4.32N	V-4.33N	V-3.23G	V-1.00	-	-	V-4.10
			ME2148ESHF2V	0A02A0	FZTAT64_5v	-	-	-	-	V-1.00	V-1.22	-	
	HD64F2142RVTE	TFP-100B	ME2148ESNF2H	B6F0	FZTAT64	5V	V-4.32N	V-4.33N	V-3.23G	V-1.00	-	-	V-4.10
			ME2148ESNF2V	0A02A0	FZTAT64_5v	-	-	-	-	V-1.00	V-1.22	-	
H8S/2144F	HD64F2144FA	FP-100B	ME2148ESHF2H	B6F1	FZTAT128	5V	V-4.32N	V-4.33K2	V-3.23G	V-1.00	-	-	V-3.60
			ME2148ESHF2V	0A03A0	FZTAT128_5v	-	-	-	-	V-1.00	V-1.22	-	
	HD64F2144TE	TFP-100B	ME2148ESNF2H	B6F1	FZTAT128	5V	V-4.32N	V-4.33K2	V-3.23G	V-1.00	-	-	V-3.60
			ME2148ESNF2V	0A03A0	FZTAT128_5v	-	-	-	-	V-1.00	V-1.22	-	
H8S/2145BVF	HD64F2145BVFA	FP-100B	ME2148ESHF2H	B6F2	FZTAT256	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-3.60(HD64F3022F)
			ME2148ESHF2V	0A04A1	FZTAT256_3.3v	-	-	-	-	V-1.00	V-1.22	-	
	HD64F2145BVTE	TFP-100B	ME2148ESNF2H	B6F2	FZTAT256	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-3.60(HD64F3022F)
			ME2148ESNF2V	0A04A1	FZTAT256_3.3v	-	-	-	-	V-1.00	V-1.22	-	
H8S/2148F	HD64F2148FA	FP-100B	ME2148ESHF2H	B6F1	FZTAT128	5V	V-4.32N	V-4.33K2	V-3.23G	V-1.00	-	-	V-3.60
			ME2148ESHF2V	0A03A0	FZTAT128_5v	-	-	-	-	V-1.00	V-1.22	-	
	HD64F2148TE	TFP-100B	ME2148ESNF2H	B6F1	FZTAT128	5V	V-4.32N	V-4.33K2	V-3.23G	V-1.00	-	-	V-3.60
			ME2148ESNF2V	0A03A0	FZTAT128_5v	-	-	-	-	V-1.00	V-1.22	-	
H8S/2148VF	HD64F2148VFA	FP-100B	ME2148ESHF2H	B6F1	FZTAT128	5V	V-4.32N	V-4.33K2	V-3.23G	V-1.00	-	-	V-3.60
			ME2148ESHF2V	0A03A0	FZTAT128_5v	-	-	-	-	V-1.00	V-1.22	-	
	HD64F2148VTE	TFP-100B	ME2148ESNF2H	B6F1	FZTAT128	5V	V-4.32N	V-4.33K2	V-3.23G	V-1.00	-	-	V-3.60
			ME2148ESNF2V	0A03A0	FZTAT128_5v	-	-	-	-	V-1.00	V-1.22	-	
H8S/2148BF	HD64F2148BTE	TFP-100B	ME2148ESNF2H	B6F1	FZTAT128	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-5.20(HD64F3024F)
			ME2148ESNF2V	0A03A1	FZTAT128_3.3V	-	-	-	-	V-1.00	V-1.22	-	
H8S/2161BF	HD64F2161BVTE	TFP-144	ME2169ESNF1H	B6F1	FZTAT128	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-5.20(HD64F3024F)
			ME2169ESNF1V	0A03A1	FZTAT128_3.3V	-	-	-	-	V-1.00	V-1.22	-	
H8S/2166F	HD64F2166VTE	TFP-144	ME2168ESNF1H	B6F4	FZTAT512	3.3V	V-4.32R1	V-4.33R4	V-3.25F	V-1.00	-	-	V-3.60(HD64F7055RF)
			ME2168ESNF1V	0A05A1	FZTAT512_3.3v	-	-	-	-	V1.00	V-1.22	-	
H8S/2167F	HD64F2167VTE	TFP-144	ME2168ESNF1H	B6F4	FZTAT512	3.3V	V-4.32R1	V-4.33R4	V-3.25F	V-1.00	-	-	V-3.60(HD64F7055RF)
			ME2168ESNF1V	0A05A1	FZTAT512_3.3v	-	-	-	-	V1.00	V-1.22	-	

H8S/2168F	HD64F2168VTE	TFP-144	ME2168ESNF1H	B6F2	FZTAT256	3.3V	V-4.32Q	V-3.33R2	V-3.24E	V-1.00	-	-	V-3.60(HD64F3022F)
			ME2168ESNF1V	0A04A1	FZTAT256_3.3V		-	-	-	-	V1.00	V-1.22	-
H8S/2169YVF	HD64F2169YVTE	TFP-144	ME2169ESNF1H	B6F0	FZTAT64	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-4.50(HD64F2169YTE)
			ME2169ESNF1V	0A02A1	FZTAT64_3.3V		-	-	-	-	C	V-1.22	-
H8S/2172F	HD64F2172VTE	TFP-100B	ME2170ESNF1H	B6F2	FZTAT256	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-3.60(HD64F3022F)
			ME2170ESNF1V	0A04A5	FZTAT256_3.3V		-	-	-	-	V1.00	V-1.22	-
H8S/2194F	HD64F2194F	FP-112	ME2194ESHF1H	B6F1	FZTAT128	5V	V-4.32N	V-4.33K2	V-3.23G	V-1.00	-	-	V-3.60
H8S/2194CF	HD64F2194CF			B6F2	FZTAT256		V-4.32N	V-4.33K2	V-3.23G	V-1.00	-	-	V-3.60(HD64F7044F)
H8S/2199F	HD64F2199F	FP-112	ME2199ESHF1H	B6F4	FZTAT512	3.3V	V-4.32R1	V-4.33R4	V-3.25F	V-1.00	-	-	V-3.60
			ME2199ESHF1V	0A05A1	FZTAT512_3.3v		-	-	-	-	C	V-1.22	-

H8S/2200 Series

Device	Device HD Code	Package	Adapter	Code	Device Display	VPP	1890A	1891/92	1930	1931,1893	1895	1940	1881/XP/UXP
H8S/2212F	HD64F2212FP	FP-64E	ME2212ESEF1H	B6F1	FZTAT128	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-5.20(HD64F3024F)
			ME2212ESEF1V	0A03A1	FZTAT128_3.3V		-	-	-	-	V-1.00	V-1.22	-
H8S/2214F	HD64F2214BP	TBP-112	ME2238ESBF2H	B6F1	FZTAT128	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-5.20(HD64F3024F)
			ME2238ESBF2V	0A03A1	FZTAT128_3.3v		-	-	-	-	V-1.00	V-1.22	-
	HD64F2214TE	TFP-100B	ME2238ESNF2H	B6F1	FZTAT128	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-5.20 (HD64F3024F)
			ME2238ESNF2V	0A03A1	FZTAT128_3.3V		-	-	-	-	C	V-1.22	-
HD64F2214TF	TFP-100G	ME2238ESMF2H	B6F1	FZTAT128	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-5.20 (HD64F3024F)	
		ME2238ESMF2V	0A03A1	FZTAT128_3.3v		-	-	-	-	C	V-1.22	-	
H8S/2215F	HD64F2215TE	TFP-120	ME2215ESNF1H	B6F2	FZTAT256	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-3.60(HD64F3022F)
			ME2215ESNF1V	0A04A1	FZTAT256_3.3v		-	-	-	-	C	V-1.22	-
	HD64F2215BR	TBP-112	ME2215ESBF1H	B6F2	FZTAT256	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-3.60(HD64F3022F)
ME2215ESBF1V	0A04A1	FZTAT256_3.3v	-	-	-		-	C	V-1.22	-			
H8S/2218F	HD64F2218TF	TFP-100G	ME2218ESMF1H	B6F1	FZTAT128	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-5.20(HD64F3024F)
			ME2218ESMF1V	0A03A1	FZTAT128_3.3V		-	-	-	-	V-1.1	V-1.22	-
	HD64F2218BR	BP-112	ME2218ESBF1H	B6F1	FZTAT128	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-5.20(HD64F3024F)
ME2218ESBF1V			0A03A1	FZTAT128_3.3V	-		-	-	-	V-1.1	V-1.22	-	
H8S/2227F	HD64F2227TE	TFP-100B	ME2238ESNF2H	B6F1	FZTAT128	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-5.20(HD64F3024F)
			ME2238ESNF2V	0A03A1	FZTAT128_3.3V		-	-	-	-	C	V-1.22	-
	HD64F2227TF	TFP-100G	ME2238ESMF2H	B6F1	FZTAT128	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-5.20(HD64F3024F)
ME2238ESMF2V			0A03A1	FZTAT128_3.3V	-		-	-	-	C	V-1.22	-	
H8S/2237	HD6472237F	FP-100A	ME2237ESFS1H	E720	HN C101	12.5V	V-4.1	V-4.0	V-2.0	V-1.00	-	-	C
	HD6472237FA	FP-100B	ME2237ESHS1H										

H8S/2237	HD6472237TE	TFP-100B	ME2237ESNS1H	E720	HN_C101	12.5V	V-4.1	V-4.0	V-2.0	V-1.00	-	-	C
	HD6472237TF	TFP-100G	ME2237ESMS1H										
H8S/2238F	HD64F2238F	FP-100A	ME2238ESFF1H	B6F2	FZTAT256	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-3.60
			ME2238ESFF1V	0A04A1	FZTAT256_3.3v		-	-	-	-	V-1.00	V-1.22	-
	HD64F2238FA	FP-100B	ME2238ESHF1H	B6F2	FZTAT256	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-3.60
			ME2238ESHF1V	0A04A1	FZTAT256_3.3v		-	-	-	-	V-1.00	V-1.22	-
	HD64F2238TF	TFP-100G	ME2238ESMF2H	B6F2	FZTAT256	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-3.60
			ME2238ESMF2V	0A04A1	FZTAT256_3.3v		-	-	-	-	C	V-1.22	-
HD64F2238TE	TFP-100B	ME2238ESNF2H	B6F2	FZTAT256	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-3.60	
		ME2238ESNF2V	0A04A1	FZTAT256_3.3v		-	-	-	-	C	V-1.22	-	
HD64F2238BR	TBP-112	ME2238ESBF2H	B6F2	FZTAT256	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-3.60	
		ME2238ESBF2V	0A04A1	FZTAT256_3.3v		-	-	-	-	V-1.00	V-1.22	-	
H8S/2238RF	HD64F2238RBQ	BP-112A	ME2238ESBF2H	B6F2	FZTAT256	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-3.60
			ME2238ESBF2V	0A04A1	FZTAT256_3.3v		-	-	-	-	V-1.00	V-1.22	-
H8S/2239F	HD64F2239FA	FP-100B	ME2238ESHF1H	B6F4	FZTAT512	3.3V	V-4.32R1	V-4.33R4	V-3.25F	V-1.00	-	-	V-3.60(HD64F2199F)
			ME2238ESHF1V	0A05A1	FZTAT512_3.3V		-	-	-	-	C	V-1.22	-
	HD64F2239TF	TFP-100G	ME2238ESMF2H	B6F4	FZTAT512	3.3V	V-4.32R1	V-4.33R4	V-3.25F	V-1.00	-	-	V-3.60(HD64F2199F)
			ME2238ESMF2V	0A05A1	FZTAT512_3.3V		-	-	-	-	C	V-1.22	-
HD64F2239TE	TFP-100B	ME2238ESNF2H	B6F4	FZTAT512	3.3V	V-4.32R1	V-4.33R4	V-3.25F	V-1.00	-	-	V-3.60(HD64F2199F)	
		ME2238ESNF2V	0A05A1	FZTAT512_3.3V		-	-	-	-	C	V-1.22	-	
H8S/2246	HD6472246FA	FP-100B	ME2246ESH01H	E720	HN_C101	12.5V	V-4.1	V-4.0	V-2.0	V-1.00	-	-	C
	HD6472246TE	TFP-100B	ME2246ESN01H										

H8S/2200 Series

Device	Device HD Code	Package	Adapter	Code	Device Display	VPP	1890A	1891/92	1930	1931,1893	1895	1940	1881/XP/UXP
H8S/2258F	HD64F2258F	FP-100A	ME2238ESFF1H	B6F2	FZTAT256	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-3.60(HD64F3022F)
			ME2238ESFF1V	0A04A1	FZTAT256_3.3v		-	-	-	-	C	V-1.22	-
	HD64F2258FA	FP-100B	ME2238ESHF1H	B6F2	FZTAT256	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-3.60(HD64F3022F)
		ME2238ESHF1V	0A04A1	FZTAT256_3.3v	-		-	-	-	C	V-1.22	-	
H8S/2265F	HD64F2265FA	FP-100B	ME2268ESHF1H	B6F2	FZTAT256	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-3.60(HD64F3022F)
			ME2268ESHF1V	0A04A1	FZTAT256_3.3v		-	-	-	-	V-1.00	V-1.22	-
H8S/2268F	HD64F2268FA	FP-100B	ME2268ESHF1H	B6F2	FZTAT256	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-3.60(HD64F3022F)
			ME2268ESHF1V	0A04A1	FZTAT256_3.3v		-	-	-	-	V-1.00	V-1.22	-
	HD64F2268TE	TFP-100B	ME2268ESNF1H	B6F2	FZTAT256	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-3.60(HD64F3022F)
			ME2268ESNF1V	0A04A1	FZTAT256_3.3V		-	-	-	-	C	C	-
HD64F2268TF	TFP-100G	ME2268ESMF1H	B6F2	FZTAT256	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-3.60(HD64F3022F)	
		ME2268ESMF1V	0A04A1	FZTAT256_3.3V		-	-	-	-	C	C	-	
H8S/2277F	HD64F2277TE,RTE	TFP-100B	ME2238ESNF2H	B6F1	FZTAT128	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-5.20 (HD64F3024F)
			ME2238ESNF2V	0A03A1	FZTAT128_3.3V		-	-	-	-	C	V-1.22	-
	HD64F2277TE RTE	TFP-100G	ME2238ESMF2H	B6F1	FZTAT128	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-5.20 (HD64F3024F)

	HD64F2317VTE	TFP-100G	ME2238ESMF2V	0A03A1	FZTAT128_3.3V	3.3V	-	-	-	-	C	V-1.22	-
--	--------------	----------	--------------	--------	---------------	------	---	---	---	---	---	--------	---

H8S/2300 Series

Device	Device HD Code	Package	Adapter	Code	Device Display	VPP	1890A	1891/92	1930	1931,1893	1895	1940	1881/XP/UXP
H8S/2314F	HD64F2314VTE	TFP-100B	ME2318ESNF1H	B6F4	FZTAT512	3.3V	V-4.32R1	V-4.33R4	V-3.25F	V-1.00	-	-	V-3.60(HD64F2199F)
			ME2318ESNF1V	0A05A1	FZTAT512_3.3v		-	-	-	-	C	V-1.22	-
H8S/2315F	HD64F2315VTE	TFP-100B	ME2318ESNF1H	B6F4	FZTAT512	3.3V	V-4.32R1	V-4.33R4	V-3.25F	V-1.00	-	-	V-3.60(HD64F2199F)
			ME2318ESNF1V	0A05A1	FZTAT512_3.3v		-	-	-	-	C	V-1.22	-
H8S/2317F	HD64F2317VTF	TFP-100G	ME2318ESMF1H	B6F1	FZTAT128	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-5.20 (HD64F3024F)
			ME2318ESMF1V	0A03A1	FZTAT128_3.3V		-	-	-	-	V-1.00	V-1.22	-
H8S/2318F	HD64F2318VF	FP-100A	ME2318ESFF1H	B6F2	FZTAT256	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-4.10
			ME2318ESFF1V	0A04A1	FZTAT256_3.3v		-	-	-	-	V-1.00	V-1.22	-
	HD64F2318VTE	TFP-100B	ME2318ESNF1H	B6F2	FZTAT256	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-4.10
			ME2318ESNF1V	0A04A1	FZTAT256_3.3v		-	-	-	-	C	V-1.22	-
HD64F2318VTF	TFP-100G	ME2318ESMF1H	B6F2	FZTAT256	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-3.60 (HD64F3022F)	
		ME2318ESMF1V	0A04A1	FZTAT256_3.3v		-	-	-	-	V-1.00	V-1.22	-	
H8S/2319F	HD64F2319VF	FP-100A	ME2318ESFF1H	B6F4	FZTAT512	3.3V	V-4.32R1	V-4.33R4	V-3.25F	V-1.00	-	-	V-3.60(HD64F2199F)
			ME2318ESFF1V	0A05A1	FZTAT512_3.3v		-	-	-	-	C	V-1.22	-
	HD64F2319VTE	TFP-100B	ME2318ESNF1H	B6F4	FZTAT512	3.3V	V-4.32R1	V-4.33R4	V-3.25F	V-1.00	-	-	V-3.60(HD64F2199F)
			ME2318ESNF1V	0A05A1	FZTAT512_3.3v		-	-	-	-	C	V-1.22	-
H8S/2319CF	HD64F2319CVF	FP-100A	ME2319CESFF1H	B6F4	FZTAT512	3.3V	V-4.32R1	V-4.33R4	V-3.25F	V-1.00	-	-	V-3.60(HD64F2199F)
			ME2319CESFF1V	0A05A1	FZTAT512_3.3v		-	-	-	-	V-1.00	V-1.22	-
	HD64F2319CVTE	TFP-100B	ME2319CESNF1H	B6F4	FZTAT512	3.3V	V-4.32R1	V-4.33R4	V-3.25F	V-1.00	-	-	V-3.60(HD64F2199F)
			ME2319CESNF1V	0A05A1	FZTAT512_3.3v		-	-	-	-	V-1.00	V-1.22	-
HD64F2319CVLFP	TLP-113V	ME2319CESBF1H	B6F4	FZTAT512	3.3V	V-4.32R1	V-4.33R4	V-3.25F	V-1.00	-	-	V-3.60(HD64F2199F)	
		ME2319CESBF1V	0A05A1	FZTAT512_3.3v		-	-	-	-	V-1.00	V-1.22	-	
H8S/2326F	HD64F2326VF	FP-128	ME2328ESHF2H	B6F4	FZTAT512	3.3V	V-4.32R1	V-4.33R4	V-3.25F	V-1.00	-	-	V-3.60(HD64F2199F)
			ME2328ESHF2V	0A05A1	FZTAT512_3.3V		-	-	-	-	C	V-1.22	-
	HD64F2326VTE	TFP-120	ME2328ESNF2H	B6F4	FZTAT512	3.3V	V-4.32R1	V-4.33R4	V-3.25F	V-1.00	-	-	V-3.60(HD64F2199F)
ME2328ESNF2V	0A05A1	FZTAT512_3.3V	-	-	-		-	C	V-1.22	-			

H8S/2300 Series

Device	Device HD Code	Package	Adapter	Code	Device Display	VPP	1890A	1891/92	1930	1931,1893	1895	1940	1881/XP/UXP
H8S/2328F	HD64F2328VF	FP-128	ME2328ESHF2H	B6F2	FZTAT256	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-4.10
			ME2328ESHF2V	0A04A1	FZTAT256_3.3v		-	-	-	-	C	V-1.22	-
	HD64F2328VTE	TFP-120	ME2328ESNF2H	B6F2	FZTAT256	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-4.10
			ME2328ESNF2V	0A04A1	FZTAT256_3.3v		-	-	-	-	C	V-1.22	-
H8S/2329F	HD64F2329VF	FP-128	ME2328ESHF2H	B6F4	FZTAT512	3.3V	V-4.32R1	V-4.33R4	V-3.25F	V-1.00	-	-	V-3.60(HD64F2199F)
			ME2328ESHF2V	0A05A1	FZTAT512_3.3v		-	-	-	-	C	V-1.22	-
	HD64F2329VTE	TFP-120	ME2328ESNF2H	B6F4	FZTAT512	3.3V	V-4.32R1	V-4.33R4	V-3.25F	V-1.00	-	-	V-3.60(HD64F2199F)
			ME2328ESNF2V	0A05A1	FZTAT512_3.3v		-	-	-	-	C	V-1.22	-
H8S/2329BF	HD64F2329BVF	FP-128	ME2328ESHF2H	B6F4	FZTAT512	3.3V	V-4.32R1	V-4.33R4	V-3.25F	V-1.00	-	-	V-3.60(HD64F2199F)
			ME2328ESHF2V	0A05A1	FZTAT512_3.3V		-	-	-	-	C	V-1.22	-
	HD64F2329BVTE	TFP-120	ME2328ESNF2H	B6F4	FZTAT512	3.3V	V-4.32R1	V-4.33R4	V-3.25F	V-1.00	-	-	V-3.60(HD64F2199F)
ME2328ESNF2V	0A05A1	FZTAT512_3.3v	-	-	-		-	C	V-1.22	-			

H8S/2329EF	HD64F2329EVF	FP-128	ME2328ESHF2H	B6F4	FZTAT512	3.3V	V-4.32R1	V-4.33R4	V-3.25F	V-1.00	-	-	V-3.60(HD64F2199F)
			ME2328ESHF2V	0A05A1	FZTAT512_3.3v		-	-	-	-	C	V-1.22	-
H8S/2338F	HD64F2338VF	FP-144	ME2338ESHF2H	B6F2	FZTAT256	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-4.10
			ME2338ESHF2V	0A04A1	FZTAT256_3.3v		-	-	-	-	V-1.00	V-1.22	-
H8S/2339F	HD64F2339VF	FP-144	ME2338ESHF2H	B6F4	FZTAT512	3.3V	V-4.32R1	V-4.33R4	V-3.25F	V-1.00	-	-	V-3.60(HD64F2199F)
			ME2338ESHF2V	0A05A1	FZTAT512_3.3v		-	-	-	-	C	V-1.22	-
H8S/2339EF	HD64F2339EVF	FP-144	ME2338ESHF2H	B6F4	FZTAT512	3.3V	V-4.32R1	V-4.33R4	V-3.25F	V-1.00	-	-	V-3.60(HD64F2199F)
			ME2338ESHF2V	0A05A1	FZTAT512_3.3v		-	-	-	-	C	V-1.22	-
H8S/2345	HD6472345F	FP-100A	ME2345ESFS1H	E720	HN_C101	12.5V	V-4.1	V-4.0	V-2.0	V-1.00	-	-	C
	HD6472345FA	FP-100B	ME2345ESHS1H										
	HD6472345TF	TFP-100G	ME2345ESMS1H										
	HD6472345TE	TFP-100B	ME2345ESNS1H										
H8S/2345F	HD64F2345F	FP-100A	ME2345ESFF1H	B6F1	FZTAT128	5V	V-4.32N	V-4.33N	V-3.24E	V-1.00	-	-	V-3.60
			ME2345ESFF1V	0A03A0	FZTAT128_5v		-	-	-	-	V-1.00	V-1.22	-
	HD64F2345FA	FP-100B	ME2345ESHF1H	B6F1	FZTAT128	5V	V-4.32N	V-4.33N	V-3.24E	V-1.00	-	-	V-3.60
			ME2345ESHF1V	0A03A0	FZTAT128_5v		-	-	-	-	V-1.00	V-1.22	-
	HD64F2345TF	TFP-100G	ME2345ESMF1H	B6F1	FZTAT128	5V	V-4.32N	V-4.33N	V-3.24E	V-1.00	-	-	V-3.60
			ME2345ESMF1V	0A03A0	FZTAT128_5v		-	-	-	-	V-1.00	V-1.22	-
HD64F2345TE	TFP-100B	ME2345ESNF1H	B6F1	FZTAT128	5V	V-4.32N	V-4.33N	V-3.24E	V-1.00	-	-	V-3.60	
		ME2345ESNF1V	0A03A0	FZTAT128_5v		-	-	-	-	V-1.00	V-1.22	-	-
H8S/2355	HD6472355F	FP-128B	ME2655ESH01H	E720	HN_C101	12.5V	V-4.1	V-4.0	V-2.0	V-1.00	-	-	V-3.70
	HD6472355TE	TFP-120	ME2655ESN01H										
H8S/2357	HD6472357F	FP-128B	ME2655ESH01H	E720	HN_C101	12.5V	V-4.1	V-4.0	V-2.0	V-1.00	-	-	V-3.70
	HD6472357TE	TFP-120	ME2655ESN01H										
H8S/2357F	HD64F2357F	FP-128B	ME2357ESHF1H	B6F1	FZTAT128	5V	V-4.32N	V-4.33K2	V-3.23G	V-1.00	-	-	V-4.20
			ME2357ESHF1V	0A03A0	FZTAT128_5v		-	-	-	-	C	V-1.22	-
H8S/2357F	HD64F2357TE	TFP-120	ME2357ESNF1H	B6F1	FZTAT128	5V	V-4.32N	V-4.33K2	V-3.23G	V-1.00	-	-	V-4.20
			ME2357ESNF1V	0A03A0	FZTAT128_5v		-	-	-	-	V-1.00	V-1.22	-
H8S/2367F	HD64F2367VF	FP-128B	ME2367ESHF1H	B6F4	FZTAT512	3.3V	V-4.32R1	V-4.33R4	V-3.25F	V-1.00	-	-	V-3.60(HD64F2199F)
			ME2367ESHF1V	0A05A1	FZTAT512_3.3V		-	-	-	-	V1.00	V-1.22	-
H8S/2367F	HD64F2367VTE	TFP-120	ME2367ESNF1H	B6F4	FZTAT512	3.3V	V-4.32R1	V-4.33R4	V-3.25F	V-1.00	-	-	V-3.60(HD64F2199F)
			ME2367ESNF1V	0A05A1	FZTAT512_3.3V		-	-	-	-	V1.00	V-1.22	-

H8S/2300 Series

Device	Device HD Code	Package	Adapter	Code	Device Display	VPP	1890A	1891/92	1930	1931,1893	1895	1940	1881/XP/UXP
H8S/2368F	HD64F2368VF	FP-128B	ME2368ESHF1H	B6F4	FZTAT512	3.3V	V-4.32R1	V-4.33R4	V-3.25F	V-1.00	-	-	V-3.60(HD64F2199F)
			ME2368ESHF1V	0A05A1	FZTAT512_3.3V		-	-	-	-	V1.00	V-1.22	-
H8S/2368F	HD64F2368VTE	TFP-120	ME2368ESNF1H	B6F4	FZTAT512	3.3V	V-4.32R1	V-4.33R4	V-3.25F	V-1.00	-	-	V-3.60(HD64F2199F)
			ME2368ESNF1V	0A05A1	FZTAT512_3.3V		-	-	-	-	V1.00	V-1.22	-
H8S/2376F	HD64F2376VFQ	FP-144H	ME2377ESLF1H	B6F4	FZTAT512	3.3V	V-4.32R1	V-4.33R4	V-3.25F	V-1.00	-	-	V-3.60(HD64F2199F)
			ME2377ESLF1V	0A05A1	FZTAT512_3.3V		-	-	-	-	V1.00	V-1.22	-

H8S/2377F	HD64F2377VFQ	FP-144H	ME2377ESLF1H	B6F4	FZTAT512	3.3V	V-4.32R1	V-4.33R4	V-3.25F	V-1.00	-	-	V-3.60(HD64F2199F)
			ME2377ESLF1V	0A05A1	FZTAT512_3.3V		-	-	-	-	V1.00	V-1.22	-
H8S/2378F	HD64F2378VFQ	FP-144H	ME2378ESLF1H	B6F4	FZTAT512	3.3V	V-4.32R1	V-4.33R4	V-3.25F	V-1.00	-	-	V-3.60(HD64F2199F)
			ME2378ESLF1V	0A05A1	FZTAT512_3.3V		-	-	-	-	V1.00	V-1.22	-
H8S/2395F	HD64F2395F	FP-128B	ME2398ESHF1H	B6F4	FZTAT512	5V	V-4.32R1	V-4.33R4	V-3.25F	V-1.00	-	-	V-3.60(HD64F2199F)
			ME2398ESHF1V	0A05A0	FZTAT512_5v		-	-	-	-	C	V-1.22	-
H8S/2398F	HD64F2398F	FP-128B	ME2398ESHF1H	B6F2	FZTAT256	5V	V-4.32N	V-4.33K2	V-3.23G	V-1.00	-	-	V-3.60(HD64F3064FP)
			ME2398ESHF1V	0A04A0	FZTAT256_5v		-	-	-	-	C	V-1.22	-
	HD64F2398TE	TFP-120	ME2398ESNF1H	B6F2	FZTAT256	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-3.60(HD64F3022F)
			ME2398ESNF1V	0A04A1	FZTAT256_3.3v		-	-	-	-	C	V-1.22	-

H8S/2400 Series

Device	Device HD Code	Package	Adapter	Code	Device Display	VPP	1890A	1891/92	1930	1931,1893	1895	1940	1881/XP/UXP
H8S/2437F	HD64F2437FV	FP-128B	ME2437ESHF1H	B6F2	FZTAT256	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-3.60(HD64F3022F)
			ME2437ESHF1V	0A04A1	FZTAT256_3.3v		-	-	-	-	V-1.00	V-1.22	-

H8S/2500 Series

Device	Device HD Code	Package	Adapter	Code	Device Display	VPP	1890A	1891/92	1930	1931,1893	1895	1940	1881/XP/UXP
H8S/2552F	HD64F2552FC	FP-144J	ME2552ESJF1H	B6F4	FZTAT512	5V	V-4.32R1	V-4.33R4	V-3.25F	V-1.00	-	-	V-3.60(HD64F3052TE)
			ME2552ESJF1V	0A05A0	FZTAT512_5v		-	-	-	-	V-1.00	V-1.22	-
	HD64F2552BR	BR-176V	ME2552ESBF1H	B6F4	FZTAT512	5V	V-4.32R1	V-4.33R4	V-3.25F	V-1.00	-	-	V-3.60(HD64F3052TE)
			ME2552ESBF1V	0A05A0	FZTAT512_5v		-	-	-	-	V-1.00	V-1.22	-

H8S/2600 Series

Device	Device HD Code	Package	Adapter	Code	Device Display	VPP	1890A	1891/92	1930	1931,1893	1895	1940	1881/XP/UXP
H8S/2612F	HD64F2612F	FP-80A	ME2612ESHF1H	B6F1	FZTAT128	5V	V-4.32N	V-4.33K2	V-3.23G	V-1.00	-	-	V-4.10
			ME2612ESHF1V	0A03A0	FZTAT128_5v		-	-	-	-	V1.00	V-1.22	-
H8S/2615F	HD64F2615F	FP-80A	ME2612ESHF1H	B6F0	FZTAT64	5V	V-4.32N	V-4.33N	V-3.24E	V-1.00	-	-	V-3.60 (HD64F3664 FP)
			ME2612ESHF1V	0A02A0	FZTAT64_5v		-	-	-	-	V1.00	V-1.22	-
H8S/2623F	HD64F2623FA	FP-100B	ME2623ESHF1H	B6F2	FZTAT256	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-3.60
			ME2623ESHF1V	0A04A1	FZTAT256_3.3v		-	-	-	-	V-1.00	V-1.22	-
H8S/2626F	HD64F2626FA	FP-100B	ME2623ESHF1H	B6F2	FZTAT256	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-4.10
			ME2623ESHF1V	0A04A1	FZTAT256_3.3v		-	-	-	-	V-1.00	V-1.22	-
H8S/2628F	HD64F2628F	FP-100B	ME2628ESHF1H	B6F1	FZTAT128	5V	V-4.32N	V-4.33K2	V-3.23G	V-1.00	-	-	V-3.60
			ME2628ESHF1V	0A03A0	FZTAT128_5v		-	-	-	-	C	V-1.22	-
H8S/2633F	HD64F2633F	FP-128B	ME2633ESHF1H	B6F2	FZTAT256	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-3.60
			ME2633ESHF1V	0A04A1	FZTAT256_3.3v		-	-	-	-	V-1.00	V-1.22	-
	HD64F2633TE	TFP-120	ME2633ESNF1H	B6F2	FZTAT256	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-3.60
			ME2633ESNF1V	0A04A1	FZTAT256_3.3v		-	-	-	-	C	V-1.22	-
H8S/2633RF	HD64F2633RF	FP-128B	ME2633ESHF1H	B6F2	FZTAT256	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-3.60(HD64F2633F)
			ME2633ESHF1V	0A04A1	FZTAT256_3.3v		-	-	-	-	V-1.00	V-1.22	-

H8S/2600 Series

Device	Device HD Code	Package	Adapter	Code	Device Display	VPP	1890A	1891/92	1930	1931,1893	1895	1940	1881/XP/UXP
H8S/2635F	HD64F2635F	FP-128B	ME2636ESHF1H	B6F2	FZTAT256	5V	V-4.32N	V-4.33K2	V-3.23G	V-1.00	-	-	V-3.60(HD64F3064FP)
			ME2636ESHF1V	0A04A0	FZTAT256_5v		-	-	-	-	V-1.00	V-1.22	-

H8S/2636F	HD64F2636F	FP-128B	ME2636ESHF1H	B6F1	FZTAT128	5V	V-4.32N	V-4.33K2	V-3.23G	V-1.00	-	-	V-3.60
			ME2636ESHF1V	0A03A0	FZTAT128_5v		-	-	-	-	V-1.00	V-1.22	-
H8S/2638F	HD64F2638F/UF/WF	FP-128B	ME2636ESHF1H	B6F2	FZTAT256	5V	V-4.32N	V-4.33K2	V-3.23G	V-1.00	-	-	V-3.60(HD64F3064FP)
			ME2636ESHF1V	0A04A0	FZTAT256_5v		-	-	-	-	V-1.00	V-1.22	-
H8S/2639F	HD64F2639F/UF/WF	FP-128B	ME2636ESHF1H	B6F2	FZTAT256	5V	V-4.32N	V-4.33K2	V-3.23G	V-1.00	-	-	V-3.60(HD64F3064FP)
			ME2636ESHF1V	0A04A0	FZTAT256_5v		-	-	-	-	V-1.00	V-1.22	-
H8S/2643F	HD64F2643FC	FP-144	ME2643ESHF1H	B6F2	FZTAT256	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-3.60
			ME2643ESHF1V	0A04A1	FZTAT256_3.3v		-	-	-	-	V-1.00	V-1.22	-
	HD64F2643TE	TFP-144	ME2643ESNF1H	B6F2	FZTAT256	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-3.60(HD64F3022F)
			ME2643ESNF1V	0A04A1	FZTAT256_3.3V		-	-	-	-	C	V-1.22	-
H8S/2646F	HD64F2646FC	FP-144	ME2646ESHF1H	B6F1	FZTAT128	5V	V-4.32N	V-4.33K2	V-3.23G	V-1.00	-	-	V-3.60
			ME2646ESHF1V	0A03A0	FZTAT128_5v		-	-	-	-	C	V-1.22	-
H8S/2649F	HD64F2649FC	FP-144	ME2646ESHF1H	B6F2	FZTAT256	5V	V-4.32N	V-4.33K2	V-3.23G	V-1.00	-	-	V-3.60(HD64F3064FP)
			ME2646ESHF1V	0A04A0	FZTAT256_5v		-	-	-	-	V-1.00	V-1.22	-
H8S/2655	HD6472655F	FP-128B	ME2655ESH01H	E720	HN_C101	12.5V	V-4.1	V-4.0	V-2.0	V-1.00	-	-	V-3.70(HN27C101 up only)
	HD6472655TE	TFP-120	ME2655ESN01H										
H8S/2667F	HD64F2667VFQ	FP-144H	ME2667ESLF1H	B6F4	FZTAT512	3.3V	V-4.32R1	V-4.33R4	V-3.25F	V-1.00	-	-	V-3.60(HD64F2199F)
			ME2667ESLF1V	0A05A1	FZTAT512_3.3v		-	-	-	-	C	V-1.22	-
H8S/2676F	HD64F2676	FP-144	ME2676ESHF1H	B6F2	FZTAT256	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-4.10
			ME2676ESHF1V	0A04A1	FZTAT256_3.3v		-	-	-	-	C	V-1.22	-

H8/300L Series

Device	Device HD Code	Package	Adapter	Code	Device Display	VPP	1890A	1891/92	1930	1931,1893	1895	1940	1881/XP/UXP
H8/3567U	HD6473567UP	FP-64A	ME3567ESHS1H	B6DE	H8/3567	12.5V	V-4.32T	V-4.33T4	V-4.00D	V-1.00D	-	-	C
	HD6473567UF	DP-64S	ME3567ESSS1H										
H8/3627	HD6473627FP	FP-64E	ME3627ESES1H	E720	HN_C101	12.5V	V-4.1	V-4.0	V-2.0	V-1.00	-	-	C
	HD6473627H	FP-64A	ME3627ESHS1H										
H8/3637	HD6473637F	FP-80B	ME3637ESFS1H	E720	HN_C101	12.5V	V-4.1	V-4.0	V-2.0	V-1.00	-	-	C
	HD6473637X	TFP-80F	ME3637ESKS1H										
	HD6473637W	TFP-80C	ME3637ESNS1H										
H8/3644	HD6473644H	FP-64A	ME3644ESH01H	E510	HN27C256	12.5V	V-4.1	V-4.0	V-2.0	V-1.00	-	-	C
	HD6473644W	TFP-80C	ME3644ESN01H										
	HD6473644P	DP-64S	ME3644ESS01H										
H8/3644F	HD64F3644H	FP-64A	ME3644ESHF1H	D724	HN28F101	12V	V-4.32P	V-4.33N	V-3.24	V-1.00	NS	NS	NS
	HD64F3644W	TFP-80C	ME3644ESNF1H										
	HD64F3644P	DP-64S	ME3644ESSF1H										
H8/3657	HD6473657F	FP-80B	ME3657ESFS1H	E720	HN_C101	12.5V	V-4.1	V-4.0	V-2.0	V-1.00	-	-	C
	HD6473657H	FP-80A	ME3657ESHS1H										
	HD6473657X	TFP-80F	ME3657ESKS1H										
	HD6473657W	TFP-80C	ME3657ESNS1H										
H8/3854F	HD64F3854H	FP-100B	ME3854ESHF1H	B6F0	FZTAT64	5V	V-4.32N	V-4.33N	V-3.23G	V-1.00	-	-	V-3.60
			ME3854ESHF1V	0A02A0	FZTAT64_5v		-	-	-	-	C	V-1.22	-
	HD64F3854W	TFP-100G	ME3854ESMF1H	B6F0	FZTAT64	5V	V-4.32N	V-4.33N	V-3.23G	V-1.00	-	-	V-3.60
			ME3854ESMF1V	0A02A0	FZTAT64_5v		-	-	-	-	C	V-1.22	-

H8/300L Series

Device	Device HD Code	Package	Adapter	Code	Device Display	VPP	1890A	1891/92	1930	1931,1893	1895	1940	1881/XP/UXP
H8/3857F	HD64F3857FQ	FP-144H	ME3857ESHF1H	B6F0	FZTAT64	5V	V-4.32N	V-4.33N	V-3.23G	V-1.00	-	-	V-3.60
			ME3857ESHF1V	0A02A0	FZTAT64_5v		-	-	-	-	V-1.00	V-1.22	-
	HD64F3857TG	TFP-144	ME3857ESNF1H	B6F0	FZTAT64	5V	V-4.32N	V-4.33N	V-3.23G	V-1.00	-	-	V-3.60
			ME3857ESNF1V	0A02A0	FZTAT64_5v		-	-	-	-	V-1.00	V-1.22	-
H8/3937	HD6473937(R)X	TFP-100B	ME3937ESNS1H	E720	HN_C101	12.5V	V-4.1	V-4.0	V-2.0	V-1.00	-	-	V-3.70(HN27C101 up only)
			ME3937ESNS1V	0A0301	HN27C101A		-	-	-	-	C	V-1.00	-
	HD6473937(R)W	TFP-100G	ME3937ESMS1H	E720	HN_C101	12.5V	V-4.1	V-4.0	V-2.0	V-1.00	-	-	V-3.70(HN27C101 up only)
			ME3937ESMS1V	0A0301	HN27C101A		-	-	-	-	C	V-1.00	-

H8/300L SLP Series

Device	Device HD Code	Package	Adapter	Code	Device Display	VPP	1890A	1891/92	1930	1931,1893	1895	1940	1881/XP/UXP
H8/3802	HD6473802FP	FP-64E	ME3802ESES1H	E720	HN_C101	12.5V	V-4.1	V-4.0	V-2.0	V-1.00	-	-	V-3.70(HN27C101 up only)
	HD6473802H	FP-64A	ME3802ESHS1H										
	HD6473802P	DP-64S	ME3802ESSS1H										
H8/3827	HD6473827H	FP-80A	ME3867ESHS1H	E720	HN_C101	12.5V	V-4.1	V-4.0	V-2.0	V-1.00	-	-	C
	HD6473827F	FP-80B	ME3867ESFS1H										
	HD6473827W	TFP-80C	ME3867ESNS1H										
H8/3847(R)	HD6473847RF	FP-100A	ME3887ESFS1H	E720	HN_C101	12.5V	V-4.1	V-4.0	V-2.0	V-1.00	-	-	C
	HD6473847RH	FP-100B	ME3887ESHS1H										
	HD6473847RW	TFP-100G	ME3887ESMS1H										
	HD6473847RX	TFP-100B	ME3887ESNS1H										
H8/3867	HD6473867H	FP-80A	ME3867ESHS1H	E720	HN_C101	12.5V	V-4.1	V-4.0	V-2.0	V-1.00	-	-	C
	HD6473867F	FP-80B	ME3867ESFS1H										
	HD6473867W	TFP-80C	ME3867ESNS1H										
H8/3887	HD6473887F	FP-100A	ME3887ESFS1H	E720	HN_C101	12.5V	V-4.1	V-4.0	V-2.0	V-1.00	-	-	C
	HD6473887H	FP-100B	ME3887ESHS1H										
	HD6473887W	TFP-100G	ME3887ESMS1H										
	HD6473887X	TFP-100B	ME3887ESNS1H										
H8/38004F	HD64F38004H	FP-64A	ME38004ESHF1H	B6F0	FZTAT64	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-4.50(HD64F2169YTE)
			ME38004ESHF1V	0A02A1	FZTAT64_3.3V		-	-	-	-	V-1.00	V-1.22	-
	HD64F38004FP	FP-64E	ME38004ESEF1H	B6F0	FZTAT64	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-4.50(HD64F2169YTE)
			ME38004ESEF1V	0A02A1	FZTAT64_3.3V		-	-	-	-	V-1.00	V-1.22	-
H8/38024	HD64738024H	FP-80A	ME38024ESHS1H	E720	HN_C101	12.5V	V-4.1	V-4.0	V-2.0	V-1.00	-	-	V-3.70(HN27C101 up only)
			ME38024ESHS1V	0A0301	HN27C101A		-	-	-	-	V-1.00	V-1.00	-
	HD64738024F	FP-80B	ME38024ESFS1H	E720	HN_C101	12.5V	V-4.1	V-4.0	V-2.0	V-1.00	-	-	V-3.70(HN27C101 up only)
			ME38024ESFS1V	0A0301	HN27C101A		-	-	-	-	C	C	-
	HD64738024W	TFP-80C	ME38024ESNS1H	E720	HN_C101	12.5V	V-4.1	V-4.0	V-2.0	V-1.00	-	-	V-3.70(HN27C101 up only)
			ME38024ESNS1V	0A0301	HN27C101A		-	-	-	-	C	C	-
H8/38024F	HD64F38024H	FP-80A	ME38024ESHF1H	B6F0	FZTAT64	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-4.50(HD64F2169YTE)
			ME38024ESHF1V	0A02A1	FZTAT64_3.3V		-	-	-	-	C	C	-
	HD64F38024F	FP-80B	ME38024ESFF1H	B6F0	FZTAT64	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-4.50(HD64F2169YTE)
			ME38024ESFF1V	0A02A1	FZTAT64_3.3V		-	-	-	-	C	C	-
HD64F38024W	TFP-80C	ME38024ESNF1H	B6F0	FZTAT64	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-4.50(HD64F2169YTE)	

H8/38024F	HD64F38024V	TFP-80C	ME38024ESNF1V	0A02A1	FZTAT64_3.3V	3.3V	-	-	-	-	C	C	-
	HD64F38024RLPV	TLP-85V	ME38024ESBF1H	B6F0	FZTAT64	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-4.50(HD64F2169YTE)
			ME38024ESBF1V	0A02A1	FZTAT64_3.3V	-	-	-	-	V-1.00	V-1.22	-	

H8/300L SLP Series

Device	Device HD Code	Package	Adapter	Code	Device Display	VPP	1890A	1891/92	1930	1931,1893	1895	1940	1881/XP/UXP
H8/38104F	HD64F38104H	FP-64A	ME38104ESHF1H	B6F0	FZTAT64	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-4.50(HD64F2169YTE)
			ME38104ESHF1V	0A02A1	FZTAT64_3.3V	-	-	-	-	C	V-1.22	-	
	HD64F38104FP	FP-64E	ME38104ESEF1H	B6F0	FZTAT64	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-4.50(HD64F2169YTE)
H8/38124F	HD64F38124H	FP-80A	ME38124ESHF1H	B6F0	FZTAT64	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-4.50(HD64F2169YTE)
			ME38124ESHF1V	0A02A1	FZTAT64_3.3V	-	-	-	-	C	V-1.22	-	
	HD64F38124W	TFP-80C	ME38124ESNF1H	B6F0	FZTAT64	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-4.50(HD64F2169YTE)
			ME38124ESNF1V	0A02A1	FZTAT64_3.3V	-	-	-	-	C	V-1.22	-	
H8/38327F	HD64F38327H	FP-80A	ME38327ESHF1H	B6F0	FZTAT64	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-4.50(HD64F2169YTE)
			ME38327ESHF1V	0A02A1	FZTAT64_3.3V	-	-	-	-	V-1.00	V-1.22	-	
	HD64F38327W	TFP-80C	ME38327ESNF1H	B6F0	FZTAT64	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-4.50(HD64F2169YTE)
H8/38347F	HD64F38347H	FP-100B	ME38347ESHF1H	B6F0	FZTAT64	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-4.50(HD64F2169YTE)
			ME38347ESHF1V	0A02A1	FZTAT64_3.3V	-	-	-	-	V-1.00	V-1.22	-	
	HD64F38347W	TFP-100G	ME38347ESMF1H	B6F0	FZTAT64	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-4.50(HD64F2169YTE)
			ME38347ESMF1V	0A02A1	FZTAT64_3.3V	-	-	-	-	V-1.00	V-1.22	-	

H8/300H Series

Device	Device HD Code	Package	Adapter	Code	Device Display	VPP	1890A	1891/92	1930	1931,1893	1895	1940	1881/XP/UXP
H8/3022F	HD64F3022F	FP-80A	ME3022ESHF1H	B6F2	FZTAT256	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-3.60
			ME3022ESHF1V	0A04A1	FZTAT256_3.3v	-	-	-	-	C	C	-	
	HD64F3022TE	TFP-80C	ME3022ESNF1H	B6F2	FZTAT256	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-3.60
H8/3024F	HD64F3024F	FP-100B	ME3024ESHF1H	B6F1	FZTAT128	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-5.20 (HD64F3024F)
			ME3024ESHF1V	0A03A1	FZTAT128_3.3V	-	-	-	-	V-1.00	V-1.22	-	
	HD64F3024TE	TFP-100B	ME3024ESNF1H	B6F1	FZTAT128	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-3.60
			ME3024ESNF1V	0A03A1	FZTAT128_3.3V	-	-	-	-	V-1.00	V-1.22	-	
H8/3026F	HD64F3026F	FP-100B	ME3024ESHF1H	B6F2	FZTAT256	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-3.60(HD64F3022F)
			ME3024ESHF1V	0A04A1	FZTAT256_3.3V	-	-	-	-	V-1.00	V-1.22	-	
	HD64F3026TE	TFP-100B	ME3024ESNF1H	B6F2	FZTAT256	3.3V	V-4.32Q	V-4.32R2	V-3.24E	V-1.00	-	-	V-3.60
H8/3028F	HD64F3028F	FP-100B	ME3024ESHF1H	B6F4	FZTAT512	3.3V	V-4.32R1	V-4.33R4	V-3.25F	V-1.00	-	-	V-3.60(HD64F2199F)
			ME3024ESHF1V	0A05A1	FZTAT512_3.3V	-	-	-	-	V-1.00	V-1.22	-	
	HD64F3028TE	TFP-100B	ME3024ESNF1H	B6F4	FZTAT512	3.3V	V-4.32R1	V-4.33R4	V-3.25F	V-1.00	-	-	V-3.60
H8/3029F	HD64F3029F	FP-100B	ME3069ESHF1H	B6F4	FZTAT512	3.3V	V-4.32R1	V-4.33R4	V-3.25F	V-1.00	-	-	V-3.60(HD64F2199F)
			ME3069ESHF1V	0A05A1	FZTAT512_3.3V	-	-	-	-	V-1.00	V-1.22	-	

H8/3029F	HD64F3029TE	TFP-100B	ME3069ESNF1H	B6F4	FZTAT512	3.3V	V-4.32R1	V-4.33R4	V-3.25F	V-1.00	-	-	V-3.60(HD64F2199F)
			ME3069ESNF1V	0A05A1	FZTAT512_3.3V		-	-	-	-	V-1.00	V-1.22	-
H8/3035	HD6473035F	FP-80A	ME3035ESH01H	B9EE	H8/XX 4M	12.5V	V-4.31E	V-4.33B	V-3.21	V1.00	NS	NS	NS
	HD6473035TE	TFP-80C	ME3035ESN01H										
H8/3039F	HD64F3039F	FP-80A	ME3039ESHF1H	B6F1	FZTAT128	5V	V-4.32N	V-4.33K2	V-3.23G	V-1.00	-	-	V-3.60
			ME3039ESHF1V	0A03A0	FZTAT128_5v		-	-	-	-	V-1.00	V-1.22	-
	HD64F3039TE	TFP-80C	ME3039ESNF1H	B6F1	FZTAT128	5V	V-4.32N	V-4.33K2	V-3.23G	V-1.00	-	-	V-3.60
			ME3039ESNF1V	0A03A0	FZTAT128_5v		-	-	-	-	V-1.00	V-1.22	-

H8/300H Series

Device	Device HD Code	Package	Adapter	Code	Device Display	VPP	1890A	1891/92	1930	1931,1893	1895	1940	1881/XP/UXP
H8/3048VF-ONE	HD64F3048BVF	FP-100B	ME3024ESHF1H	B6F1	FZTAT128	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-5.20 (HD64F3024F)
			ME3024ESHF1V	0A03A1	FZTAT128_3.3V		-	-	-	-	V-1.00	V-1.22	-
	HD64F3048BVTf	TFP-100B	ME3024ESNF1H	B6F1	FZTAT128	3.3V	V-4.32Q	V-4.32R2	V-3.24E	V-1.00	-	-	V-3.60
			ME3024ESNF1V	0A03A1	FZTAT128_3.3V		-	-	-	-	V-1.00	V-1.22	-
H8/3048 F-ONE	HD64F3048BF	FP-100B	ME3064ESHF1H	B6F1	FZTAT128	5V	V-4.32N	V-4.33K2	V-3.23G	V-1.00	-	-	V-4.10(HD64F2646FC)
			ME3064ESHF1V	0A03A0	FZTAT128_5V		-	-	-	-	V-1.00	V-1.22	-
	HD64F3048BTE	TFP-100B	ME3064ESNF1H	B6F1	FZTAT128	5V	V-4.32N	V-4.33K2	V-3.23G	V-1.00	-	-	V-4.10(HD64F2646FC)
			ME3064ESNF1V	0A03A0	FZTAT128_5v		-	-	-	-	C	C	-
H8/3052F	HD64F3052F	FP-100B	ME3064ESHF1H	B6F4	FZTAT512	5V	V-4.32R1	V-4.33R4	V-3.25F	V-1.00	-	-	V-3.60
			ME3064ESHF1V	0A05A0	FZTAT512_5v		-	-	-	-	V-1.00	V-1.22	-
	HD64F3052TE	TFP-100B	ME3064ESNF1H	B6F4	FZTAT512	5V	V-4.32R1	V-4.33R4	V-3.25F	V-1.00	-	-	V-3.60
			ME3064ESNF1V	0A05A0	FZTAT512_5v		-	-	-	-	C	C	-
H8/3052BF	HD64F3052BVF	FP-100B	ME3064ESHF1H	B6F4	FZTAT512	5V	V-4.32R1	V-4.33R4	V-3.25F	V-1.00	-	-	V-3.60 (HD64F3052 F)
			ME3064ESHF1V	0A05A0	FZTAT512_5v		-	-	-	-	V-1.00	V-1.22	-
	HD64F3052BVTE	TFP-100B	ME3064ESNF1H	B6F4	FZTAT512	5V	V-4.32R1	V-4.33R4	V-3.25F	V-1.00	-	-	V-3.60(HD64F3052TE)
			ME3064ESNF1V	0A05A0	FZTAT512_5v		-	-	-	-	C	C	-
H8/3062AF	HD64F3062AFP	FP-100A	ME3064ESFF1H	B6F1	FZTAT128	5V	V-4.32N	V-4.33K2	V-3.23G	V-1.00	-	-	V-3.60 (HD64F3062RF)
			ME3064ESFF1V	0A03A0	FZTAT128_5v		-	-	-	-	C	C	-
	HD64F3062AF	FP-100B	ME3064ESHF1H	B6F1	FZTAT128	5V	V-4.32N	V-4.33K2	V-3.23G	V-1.00	-	-	V-3.60 (HD64F3062RF)
		ME3064ESHF1V	0A03A0	FZTAT128_5v	-		-	-	-	V-1.00	V-1.22	-	
H8/3062AF	HD64F3062ATE	TFP-100B	ME3064ESNF1H	B6F1	FZTAT128	5V	V-4.32N	V-4.33K2	V-3.23G	V-1.00	-	-	V-3.60 (HD64F3062RF)
			ME3064ESNF1V	0A03A0	FZTAT128_5v		-	-	-	-	C	C	-
H8/3062F (R mask)	HD64F3062RF	FP-100B	ME3067ESHF1H	B6F1	FZTAT128	5V	V-4.32N	V-4.33K2	V-3.23G	V-1.00	-	-	V-3.60
			ME3067ESHF1V	0A03A0	FZTAT128_5v		-	-	-	-	C	V-1.22	-
	HD64F3062RTE	TFP-100B	ME3067ESNF1H	B6F1	FZTAT128	5V	V-4.32N	V-4.33K2	V-3.23G	V-1.00	-	-	V-3.60
		ME3067ESNF1V	0A03A0	FZTAT128_5v	-		-	-	-	C	C	-	
	HD64F3062RFP	FP-100A	ME3067ESFF1H	B6F1	FZTAT128	5V	V-4.32N	V-4.33K2	V-3.23G	V-1.00	-	-	V-3.60
			ME3067ESFF1V	0A03A0	FZTAT128_5v		-	-	-	-	C	C	-
	HD64F3064F	FP-100B	ME3064ESHF1H	B6F2	FZTAT256	5V	V-4.32N	V-4.33K2	V-3.23G	V-1.00	-	-	V-3.60
			ME3064ESHF1V	0A04A0	FZTAT256_5v		-	-	-	-	V-1.00	V-1.22	-

H8/3064F	HD64F3064TE	TFP-100B	ME3064ESNF1H ME3064ESNF1V	B6F2 0A04A0	FZTAT256 FZTAT256_5v	5V	V-4.32N -	V-4.33K2 -	V-3.23G -	V-1.00 -	- C	- C	V-3.60 -
	HD64F3064FP	FP-100A	ME3064ESFF1H ME3064ESFF1V	B6F2 0A04A0	FZTAT256 FZTAT256_5v	5V	V-4.32N -	V-4.33K2 -	V-3.23G -	V-1.00 -	- C	- C	V-3.60 -
H8/3064BF	HD64F3064BF	FP-100B	ME3064ESHF1H ME3064ESHF1V	B6F2 0A04A0	FZTAT256 FZTAT256_5v	5V	V-4.32N -	V-4.33K2 -	V-3.23G -	V-1.00 -	- V-1.00	- V-1.22	V-3.60 -
H8/3067F(R mask)	HD64F3067RF	FP-100B	ME3067ESHF1H ME3067ESHF1V	B6F1 0A03A0	FZTAT128 FZTAT128_5v	5V	V-4.32N -	V-4.33K2 -	V-3.23G -	V-1.00 -	- C	- V-1.22	V-4.10 -
	HD64F3067RTE	TFP-100B	ME3067ESNF1H ME3067ESNF1V	B6F1 0A03A0	FZTAT128 FZTAT128_5v	5V	V-4.32N -	V-4.33K2 -	V-3.23G -	V-1.00 -	- C	- C	V-4.10 -
	HD64F3067RFP	FP-100A	ME3067ESFF1H ME3067ESFF1V	B6F1 0A03A0	FZTAT128 FZTAT128_5v	5V	V-4.32N -	V-4.33K2 -	V-3.23G -	V-1.00 -	- C	- C	V-4.10 -
H8/3068F	HD64F3068F	FP-100B	ME3064ESHF1H ME3064ESHF1V	B6F4 0A05A0	FZTAT512 FZTAT512_5v	5V	V-4.32R1 -	V-4.33R4 -	V-3.25F -	V-1.00 -	- V-1.00	- V-1.22	V-3.60 (HD64F3052 F) -
	HD64F3068TE	TFP-100B	ME3064ESNF1H ME3064ESNF1V	B6F4 0A05A0	FZTAT512 FZTAT512_5v	5V	V-4.32R1 -	V-4.33R4 -	V-3.25F -	V-1.00 -	- C	- C	V-3.60(HD64F3052TE) -

H8/300H Series

Device	Device HD Code	Package	Adapter	Code	Device Display	VPP	1890A	1891/92	1930	1931,1893	1895	1940	1881/XP/UXP
H8/3069F	HD64F3069F	FP-100B	ME3069ESHF1H ME3069ESHF1V	B6F4 0A05A0	FZTAT512 FZTAT512_5V	5V	V-4.32R1 -	V-4.33R4 -	V-3.25F -	V-1.00 -	- V-1.00	- V-1.22	V-3.60 (HD64F3052 F) -
	HD64F3069TE	TFP-100B	ME3069ESNF1H ME3069ESNF1V	B6F4 0A05A0	FZTAT512 FZTAT512_5V	5V	V-4.32R1 -	V-4.33R4 -	V-3.25F -	V-1.00 -	- V-1.00	- V-1.22	V-3.60 (HD64F3052 F) -
H8/3090F	HD64F3090F	FP-100B	ME3064ESHF1H ME3064ESHF1V	B6F4 0A05A0	FZTAT512 FZTAT512_5V	5V	V-4.32R1 -	V-4.33R4 -	V-3.25F -	V-1.00 -	- V-1.00	- V-1.22	V-3.60 (HD64F3052 F) -
	HD64F3090TE	TFP-100B	ME3064ESNF1H ME3064ESNF1V	B6F4 0A05A0	FZTAT512 FZTAT512_5V	5V	V-4.32R1 -	V-4.33R4 -	V-3.25F -	V-1.00 -	- V-1.00	- V-1.22	V-3.60 (HD64F3052 F) -
H8/3664F	HD64F3664FP	FP-64E	ME3664ESEF1H ME3664ESEF1V	B6F0 0A02A0	FZTAT64 FZTAT64_5v	5V	V-4.32N -	V-4.33N -	V-3.23G -	V-1.00 -	- C	- C	V-3.60 -
	HD64F3664H	FP-64A	ME3664ESHF1H ME3664ESHF1V	B6F0 0A02A0	FZTAT64 FZTAT64_5v	5V	V-4.32N -	V-4.33N -	V-3.23G -	V-1.00 -	- C	- C	V-3.60 -
	HD64F3664BP	DP-42S	ME3664ESSF1H ME3664ESSF1V	B6F0 0A02A0	FZTAT64 FZTAT64_5v	5V	V-4.32N -	V-4.33N -	V-3.23G -	V-1.00 -	- C	- C	V-3.60 -
	HD64F3664FX	FP-48F	ME3664ESCF1H ME3664ESCF1V	B6F0 0A02A0	FZTAT64 FZTAT64_5V	5V	V-4.32N -	V-4.33N -	V-3.23G -	V-1.00 -	- V-1.00	- V-1.22	V-3.60 -
	HD64F3664FY	FP-48B	ME3664ESDF1H ME3664ESDF1V	B6F0 0A02A0	FZTAT64 FZTAT64_5V	5V	V-4.32N -	V-4.33N -	V-3.23G -	V-1.00 -	- V-1.00	- V-1.22	V-3.60 -

H8/300H Tiny Series

Device	Device HD Code	Package	Adapter	Code	Device Display	VPP	1890A	1891/92	1930	1931,1893	1895	1940	1881/XP/UXP
H8/3664N	HD64N3664FP	FP-64E	ME3664ESEF1H ME3664ESEF1V	B6F0 0A02A0	FZTAT64 FZTAT64_5v	5V	V-4.32N -	V-4.33N -	V-3.23G -	V-1.00 -	- V-1.00	- V-1.22	V-3.60 (HD64F3664FP) -
	HD64F3672FP	FP-64E	ME3664ESEF1H	B6EC	H8_3672	5V	NS	NS	NS	V-1.23G	-	-	V-5.30

H8/3672F	HD64F3672F	FP-48F	ME36024ESCG1H	0A01A2	FZTAT16_0B5V	5V	-	-	-	-	V-1.10	V-1.40J	-
	HD64F3672FX	FP-48F	ME36024ESCG1H	B6EC	H8_3672	5V	NS	NS	NS	V-1.23G	-	-	V-5.30
				0A01A2	FZTAT16_0B5V		-	-	-	-	V-1.10	V-1.40J	-
	HD64F3672FY	FP-48B	ME36024ESDG1H	B6EC	H8_3672	5V	NS	NS	NS	V-1.23G	-	-	V-5.30
				0A01A2	FZTAT16_0B5V		-	-	-	-	V-1.10	V-1.40J	-
H8/3684F	HD64F3684H	FP-64A	ME3687ESHF1H	B6F0	FZTAT64	5V	V-4.32N	V-4.33N	V-3.23G	V-1.00	-	-	V-3.60 (HD64F3664FP)
			ME3687ESHF1V	0A02A0	FZTAT64_5v		-	-	-	-	V-1.00	V-1.22	-
H8/3687F	HD64F3687H	FP-64A	ME3687ESHF1H	B6F0	FZTAT64	5V	V-4.32N	V-4.33N	V-3.23G	V-1.00	-	-	V-3.60 (HD64F3664FP)
			ME3687ESHF1V	0A02A0	FZTAT64_5V		-	-	-	-	V-1.00	V-1.22	-
	HD64F3687FP	FP-64E	ME3687ESEF1H	B6F0	FZTAT64	5V	V-4.32N	V-4.33N	V-3.23G	V-1.00	-	-	V-3.60 (HD64F3664FP)
			ME3687ESEF1V	0A02A0	FZTAT64_5V		-	-	-	-	C	C	-
HD64F3687FZ	FP-64K	ME3687ESKF1H	B6F0	FZTAT64	5V	V-4.32N	V-4.33N	V-3.23G	V-1.00	-	-	V-3.60 (HD64F3664FP)	
		ME3687ESKF1V	0A02A0	FZTAT64_5V		-	-	-	-	V-1.00	V-1.22	-	
H8/3694F	HD64F3694FP	FP-64E	ME3664ESEF1H	B6F0	FZTAT64	5V	V-4.32N	V-4.33N	V-3.23G	V-1.00	-	-	V-3.60
			ME3664ESEF1V	0A02A0	FZTAT64_5V		-	-	-	-	V-1.00	V-1.22	-
	HD64F3694FZ	FP-64K	ME3664ESKF1H	B6F0	FZTAT64	5V	V-4.32N	V-4.33N	V-3.23G	V-1.00	-	-	V-3.60 (HD64F3694FP)
			ME3664ESKF1V	0A02A0	FZTAT64_5V		-	-	-	-	V-1.00	V-1.22	-
	HD64F3694FX	FP-48F	ME3664ESCF1H	B6F0	FZTAT64	5V	V-4.32N	V-4.33N	V-3.23G	V-1.00	-	-	V-3.60 (HD64F3694FP)
			ME3664ESCF1V	0A02A0	FZTAT64_5V		-	-	-	-	V-1.00	V-1.22	-
HD64F3694FY	FP-48B	ME3664ESDF1H	B6F0	FZTAT64	5V	V-4.32N	V-4.33N	V-3.23G	V-1.00	-	-	V-3.60 (HD64F3694FP)	
		ME3664ESDF1V	0A02A0	FZTAT64_5V		-	-	-	-	V-1.00	V-1.22	-	
HD64F3694FT	TNP-48	ME3694ESGF1H	B6F0	FZTAT64	5V	V-4.32N	V-4.33N	V-3.23G	V-1.00	-	-	V-3.60 (HD64F3694FP)	
			ME3694ESGF1V	0A02A0	FZTAT64_5V		-	-	-	-	V-1.00	V-1.22	-

H8/300H Tiny Series

Device	Device HD Code	Package	Adapter	Code	Device Display	VPP	1890A	1891/92	1930	1931,1893	1895	1940	1881/XP/UXP
H8/36014F	HD64F36014FP	FP-64E	ME36024ESEG1H	B6EE	H8_36014	5V	NS	NS	NS	V-2.00E	-	-	V-5.50
				0A01A4	FZTAT32_0B5V			-	-	-	-	V-1.10	V-1.40J
	HD64F36014FX	FP-48F	ME36024ESCG1H	B6EE	H8_36014	5V	NS	NS	NS	V-2.00E	-	-	V-5.50
				0A01A4	FZTAT32_0B5V			-	-	-	-	V-1.10	V-1.40J
HD64F36014FY	FP-48B	ME36024ESDG1H	B6EE	H8_36014	5V	NS	NS	NS	V-2.00E	-	-	V-5.50	
			0A01A4	FZTAT32_0B5V			-	-	-	-	V-1.10	V-1.40J	-
HD64F36014FT	TNP-48	ME36014ESFG1H	B6EE	H8_36014	5V	NS	NS	NS	V-2.00E	-	-	V-5.50	
			0A01A4	FZTAT32_0B5V			-	-	-	-	V-1.10	V-1.40J	-
H8/36024F	HD64F36024FX	FP-48F	ME36024ESCG1H	B6EE	H8_36014	5V	NS	NS	NS	V-2.00E	-	-	V-5.50
				0A01A4	FZTAT32_0B5V			-	-	-	-	V-1.10	V-1.40J
H8/36049F	HD64F36049H	FP-80A	ME36049ESHF1H	B6F1	FZTAT128	5V	V-4.32N	V-4.33N	V-3.24E	V-1.00	-	-	V-3.60 (HD64F3062RF)
			ME36049ESHF1V	0A03A0	FZTAT128_5v			-	-	-	-	V-1.00	V-1.22
H8/36057F	HD64F36057H	FP-64A	ME3687ESHF1H	B6F0	FZTAT64	5V	V-4.32N	V-4.33N	V-3.23G	V-1.00	-	-	V-3.60 (HD64F3664FP)
			ME3687ESHF1V	0A02A0	FZTAT64_5V			-	-	-	-	V-1.00	V-1.22
	HD64F36057FP	FP-64E	ME3687ESEF1H	B6F0	FZTAT64	5V	V-4.32N	V-4.33N	V-3.23G	V-1.00	-	-	V-3.60 (HD64F3664FP)
			ME3687ESEF1V	0A02A0	FZTAT64_5V			-	-	-	-	C	C
HD64F36057FZ	FP-64K	ME3687ESEF1H	B6F0	FZTAT64	5V	V-4.32N	V-4.33N	V-3.23G	V-1.00	-	-	V-3.60 (HD64F3664FP)	
		ME3687ESEF1V	0A02A0	FZTAT64_5V			-	-	-	-	V-1.00	V-1.22	-

H8/36064GF	HD64F36064GH	FP-64A	ME3687ESHF1H ME3687ESEF1V	B6F0 0A02A0	FZTAT64 FZTAT64_5V	5V	V-4.32N -	V-4.33N -	V-3.23G -	V-1.00 -	- C	- C	V-3.60 (HD64F3664 FP) -
	HD64F36064GFP	FP-64E	ME3687ESEF1H ME3687ESEF1V	B6F0 0A02A0	FZTAT64 FZTAT64_5V	5V	V-4.32N -	V-4.33N -	V-3.23G -	V-1.00 -	- C	- C	V-3.60 (HD64F3664 FP) -
H8/36087F	HD64F36087H	FP-64A	ME36087ESHF1H ME36087ESHF1V	B6F0 0A02A1	FZTAT64 FZTAT64_3.3V	3.3V	V-4.32Q -	V-4.33R2 -	V-3.24E -	V-1.00 -	- V-1.10	- V-1.22	V-4.50(HD64F2169YTE) -
	HD64F36087FP	FP-64E	ME36087ESEF1H ME36087ESEF1V	B6F0 0A02A1	FZTAT64 FZTAT64_3.3V	3.3V	V-4.32Q -	V-4.33R2 -	V-3.24E -	V-1.00 -	- V-1.00	- V-1.22	V-4.50(HD64F2169YTE) -
H8/36912F	HD64F36912GFH	FP-32A	ME36912ESHG1H	B6EC 0A01A2	H8_3672 FZTAT16_0B5V	5V	NS -	NS -	NS -	V-1.23G -	- V-1.10	- V-1.40J	V-5.30(HD64F3672F) -
	HD64F36912GTP	FP-32D	ME36912ESFG1H	B6EC 0A01A2	H8_3672 FZTAT16_0B5V	5V	NS -	NS -	NS -	V-1.23G -	- V-1.10	- V-1.40J	V-5.30(HD64F3672F) -
H8/38602F	HD64F38602GFT	TNP-32	ME38602ESGG1H	B6EC 0A01A3	H8_3672 FZTAT16_0B3.3V	3.3V	NS -	NS -	NS -	V-1.23G -	- V-1.10	- V-1.40J	V-5.30(HD64F3672F) -

H8/300H SLP Series

Device	Device HD Code	Package	Adapter	Code	Device Display	VPP	1890A	1891/92	1930	1931,1893	1895	1940	1881/XP/UXP
H8/38076RF	HD64F38076RH	FP-80A	ME38076ESHF1H	B6F0	FZTAT64	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-4.50(HD64F2169YTE)
			ME38076ESHF1V	0A02A1	FZTAT64_3.3V		-	-	-	-	V-1.10	V-1.22	-
	HD64F38076RW	TFP-80C	ME38076ESNF1H	B6F0	FZTAT64	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-4.50(HD64F2169YTE)
			ME38076ESNF1V	0A02A1	FZTAT64_3.3V		-	-	-	-	V-1.00	V-1.22	-
HD64F38076RLP	TLP-85V	ME38076ESBF1H	B6F0	FZTAT64	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	-	V-4.50(HD64F2169YTE)
		ME38076ESBF1V	0A02A1	FZTAT64_3.3V		-	-	-	-	V-1.00	V-1.22	-	
H8/38086RF	HD64F38086RH	FP-80A	ME38086ESHF1H	B6F0	FZTAT64	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-4.50(HD64F2169YTE)
			ME38086ESHF1V	0A02A1	FZTAT64_3.3V		-	-	-	-	V-1.10	V-1.22	-
	HD64F38086RW	TFP-80C	ME38086ESNF1H	B6F0	FZTAT64	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	V-4.50(HD64F2169YTE)
			ME38086ESNF1V	0A02A1	FZTAT64_3.3V		-	-	-	-	V-1.00	V-1.22	-
HD64F38086RLP	TLP-85V	ME38086ESBF1H	B6F0	FZTAT64	3.3V	V-4.32Q	V-4.33R2	V-3.24E	V-1.00	-	-	-	V-4.50(HD64F2169YTE)
		ME38086ESBF1V	0A02A1	FZTAT64_3.3V		-	-	-	-	V-1.00	V-1.22	-	

H8/300 Series

Device	Device HD Code	Package	Adapter	Code	Device Display	VPP	1890A	1891/92	1930	1931,1893	1895	1940	1881/XP/UXP
H8/3334YF	HD64F3334YF	FP-80A	ME3337ESHF1H	D720	i28F010	12V	V-4.1	V-4.0	V-2.0	V-1.00	-	-	C
	HD64F3334YTF	TFP-80C	ME3337ESNF1H										
H8/3337YF	HD64F3337YF	FP-80A	ME3337ESHF1H	D720	i28F010	12V	V-4.1	V-4.0	V-2.0	V-1.00	-	-	C
	HD64F3337YTF	TFP-80C	ME3337ESNF1H										
H8/3337SF	HD64F3337SF	FP-80A	ME2138ESHF2H	B6F0	FZTAT64	5V	V-4.32N	V-4.33N	V-3.23G	V-1.00	-	-	V-3.60
		ME2138ESHF2V	0A02A0	FZTAT64_5v	-		-	-	-	V-1.00	V-1.22	-	
HD64F3337STF	TFP-80C	ME2138ESNF2H	B6F0	FZTAT64	5V	V-4.32N	V-4.33N	V-3.23G	V-1.00	-	-	-	V-3.60
		ME2138ESNF2V	0A02A0	FZTAT64_5v		-	-	-	-	V-1.00	V-1.22	-	
H8/3437SF	HD64F3437SF	FP-100B	ME2148ESHF2H	B6F0	FZTAT64	5V	V-4.32N	V-4.33N	V-3.23G	V-1.00	-	-	V-3.60(HD64F3437STF)
			ME2148ESHF2V	0A02A0	FZTAT64_5v		-	-	-	-	C	V-1.22	-
	HD64F3437STF	TFP-100B	ME2148ESNF2H	B6F0	FZTAT64	5V	V-4.32N	V-4.33N	V-3.23G	V-1.00	-	-	V-3.60(HD64F3437STF)
			ME2148ESNF2V	0A02A0	FZTAT64_5v		-	-	-	-	C	V-1.22	-

H8/3567	HD6473567F	FP-44A	ME3567ESHS1H	B6DE	H8/3567	12.5V	V-4.32T	V-4.33T4	V-4.00D	V-1.00D	-	-	C
	HD6473567P	DP-42S	ME3567ESSS1H										

H400 Series

Device	Device HD Code	Package	Adapter	Code	Device Display	VPP	1890A	1891/92	1930	1931,1893	1895	1940	1881/XP/UXP
HD4074069		FP-64A	ME4669ESH01H	E510	HN27C256	12.5V	V-4.1	V-4.0	V-2.0	V-1.00	-	-	C
HD4074374	HD407A4374FT HD407C4374FT	FP-30D	ME4374ESF01H										
HD4074384	HD407A4384FT	FP-30D	ME4374ESF01H	E510	HN27C256	12.5V	V-4.1	V-4.0	V-2.0	V-1.00	-	-	C
	HD407C4384FT	DP-28S	ME4384ESS01H										
	HD407A4384S												
	HD407C4384S												
HD4074389	HD407A4389FT HD407C4389FT	FP-30D	ME4389ESF01H										
HD4074869	HD4074869H	FP-64A	ME4868ESHS1H	E510	HN27C256	12.5V	V-4.1	V-4.0	V-2.0	V-1.00	-	-	C
	HD4074869S	DP-64S	ME4868ESSS1H										
HD4074889	HD4074889H	FP-80A	ME4889ESH01H	E510	HN27C256	12.5V	V-4.1	V-4.0	V-2.0	V-1.00	-	-	C
	HD4074889TE	TFP-80C	ME4889ESN01H										

R8C/Tiny Series

Device	Device Code	Package	Adapter	Code	Device Display	VPP	1890A	1891/92	1930	1931,1893	1895	1940	1881/XP/UXP
R8C/10 (8KB)	R5F21102FP	32P6U-A	MR21134ESLF1H	B4D1	R8C10_8K	5V	NS	NS	NS	V-2.11E	-	-	C
				130110	R8C10/11(8K)		-	-	-	V-2.12B	V-2.37A	-	
R8C/10 (12KB)	R5F21103FP			B4D2	R8C10_12	5V	NS	NS	NS	V-2.11E	-	-	C
				130111	R8C10/11(12K)		-	-	-	V-2.12B	V-2.37A	-	
R8C/10 (16KB)	R5F21104FP			B4D3	R8C10_16	5V	NS	NS	NS	V-2.11E	-	-	C
				130112	R8C10/11(16K)		-	-	-	V-2.12B	V-2.37A	-	
R8C/11 (8KB)	R5F21112FP			B4D1	R8C10_8K	5V	NS	NS	NS	V-2.11E	-	-	C
				130110	R8C10/11(8K)		-	-	-	V-2.12B	V-2.37A	-	
R8C/11 (12KB)	R5F21113FP			B4D2	R8C10_12	5V	NS	NS	NS	V-2.11E	-	-	C
				130111	R8C10/11(12K)		-	-	-	V-2.12B	V-2.37A	-	
R8C/11 (16KB)	R5F21114FP			B4D3	R8C10_16	5V	NS	NS	NS	V-2.11E	-	-	C
				130112	R8C10/11(16K)		-	-	-	V-2.12B	V-2.37A	-	

R8C/Tiny Series

Device	Device Code	Package	Adapter	Code	Device Display	VPP	1890A	1891/92	1930	1931,1893	1895	1940	1881/XP/UXP
R8C/12 (8KB)	R5F21122FP			B5D5	R8C12_8K	5V	NS	NS	NS	V-2.11E	-	-	C
				130114	R8C12/13(8K)		-	-	-	V-2.12B	V-2.37A	-	
R8C/12 (12KB)	R5F21123FP			B5D6	R8C12_12	5V	NS	NS	NS	V-2.11E	-	-	C
				130115	R8C12/13(12K)		-	-	-	V-2.12B	V-2.37A	-	
R8C/12 (16KB)	R5F21124FP			B5D7	R8C12_16	5V	NS	NS	NS	V-2.11E	-	-	C
				130116	R8C12/13(16K)		-	-	-	V-2.12B	V-2.37A	-	

R8C/13 (8KB)	R5F21132FP	32P6U-A	MR21134ESLF1H	B5D5	R8C12_8K	5V	NS	NS	NS	V-2.11E	-	-	C
				130114	R8C12/13(8K)		-	-	-	-	V-2.12B	V-2.37A	-
R8C/13 (12KB)	R5F21133FP			B5D6	R8C12_12	5V	NS	NS	NS	V-2.11E	-	-	C
				130115	R8C12/13(12K)		-	-	-	-	V-2.12B	V-2.37A	-
R8C/13 (16KB)	R5F21134FP			B5D7	R8C12_16	5V	NS	NS	NS	V-2.11E	-	-	C
				130116	R8C12/13(16K)		-	-	-	-	V-2.12B	V-2.37A	-
R8C/14 (8KB)	R5F21142SP	B4D4	R8C14_8K	5V	NS	NS	NS	V-2.11G	-	-	C		
		130117	R8C14/16(8K)		-	-	-	-	V-2.33	V-2.44G	-		
R8C/14 (12KB)	R5F21143SP	B4D5	R8C14_12	5V	NS	NS	NS	V-2.11G	-	-	C		
		130118	R8C14/16(12K)		-	-	-	-	V-2.33	V-2.44G	-		
R8C/14 (16KB)	R5F21144SP	B4D6	R8C14_16	5V	NS	NS	NS	V-2.11G	-	-	C		
		130119	R8C14/16(16K)		-	-	-	-	V-2.33	V-2.44G	-		
R8C/15 (8KB)	R5F21152SP	B5D8	R8C15_8K	5V	NS	NS	NS	V-2.11G	-	-	C		
		13011A	R8C15/17(8K)		-	-	-	-	V-2.33	V-2.44G	-		
R8C/15 (12KB)	R5F21153SP	B5D9	R8C15_12	5V	NS	NS	NS	V-2.11G	-	-	C		
		13011B	R8C15/17(12K)		-	-	-	-	V-2.33	V-2.44G	-		
R8C/15 (16KB)	R5F21154SP	B5DA	R8C15_16	5V	NS	NS	NS	V-2.11G	-	-	C		
		13011C	R8C15/17(16K)		-	-	-	-	V-2.33	V-2.44G	-		
R8C/16 (8KB)	R5F21162SP	B4D4	R8C14_8K	5V	NS	NS	NS	V-2.11G	-	-	C		
		130117	R8C14/16(8K)		-	-	-	-	V-2.33	V-2.44G	-		
R8C/16 (12KB)	R5F21163SP	B4D5	R8C14_12	5V	NS	NS	NS	V-2.11G	-	-	C		
		130118	R8C14/16(12K)		-	-	-	-	V-2.33	V-2.44G	-		
R8C/16 (16KB)	R5F21164SP	B4D6	R8C14_16	5V	NS	NS	NS	V-2.11G	-	-	C		
		130119	R8C14/16(16K)		-	-	-	-	V-2.33	V-2.44G	-		
R8C/17 (8KB)	R5F21172SP	B5D8	R8C15_8K	5V	NS	NS	NS	V-2.11G	-	-	C		
		13011A	R8C15/17(8K)		-	-	-	-	V-2.33	V-2.44G	-		
R8C/17 (12KB)	R5F21173SP	B5D9	R8C15_12	5V	NS	NS	NS	V-2.11G	-	-	C		
		13011B	R8C15/17(12K)		-	-	-	-	V-2.33	V-2.44G	-		
R8C/17 (16KB)	R5F21174SP	B5DA	R8C15_16	5V	NS	NS	NS	V-2.11G	-	-	C		
		13011C	R8C15/17(16K)		-	-	-	-	V-2.33	V-2.44G	-		

Remark 1 : H04-1059 inserter is required for M1881,M1881XP and UXP marked + after the version #

For detail,please contact to Minato distributor or MINATO.

Remark 2 : When you select device on M-1881,HD code of device is displayed.The selection is differ from other programmers.

When targeted device is not supported, HD code of compatible device listed (in same case, vcc must be set separately).

Remark 3 : Device marked - is not supported.

Generally device marked* is not supported or evaluated. It could be supported after evaluation. Please contact to Minato or Minato distributor for detail.

Remark 4 : Our products are as below.

1. MODEL 1881 (universal programmer) is discontinued.
2. MODEL 1881 XP (universal programmer) is discontinued.
3. MODEL 1881 XP (universal programmer)
4. MODEL 1890A+OU-910 (universal programmer) is discontinued.
5. MODEL 1891/1892+TYPE-9132A (programming 4pcs simultaneously) is discontinued.
6. MODEL 1893 (programming 8pcs simultaneously) is discontinued.
7. MODEL 1894/1895 (programming 4pcs simultaneously) is required SU08-42D of socket unit.
8. MODEL 1930+SU3000(L,LX) (programming 8pcs simultaneously) is discontinued.
9. MODEL 1931 (programming 8pcs simultaneously)
10. MODEL 1940 (programming 8pcs simultaneously)