PSW1 Switch Table

	AMD K8	62W	35W	25W
Low-Power Mode	PSW1_1	OFF	ON	ON
Load-Line	PSW1_2	OFF	ON	ON

25V/2.5V

10A/2.5V

ISL6559CR
Mobile AMD Athlon 64
Mobile AMD Sempron

VID4	VID3	VID2	VID1	VID0	Vcore
1	1	1	1	1	0.000
0	0	1	1	0	1.400
0	1	0	0	0	1.350
0	1	0	1	0	1.300
0	1	1	0	0	1.250
0	1	1	1	0	1.200
1	0	0	1	0	1.100
1	0	1	1	1	0.975
1	1	0	0	0	0.950
1	1	0	1	0	0.900

Mobile AMD Athlon 64
CPU_CORE/45A (62W max)

Mobile AMD Sempron
CPU_CORE/20A (25W max)

Mobile AMD Sempron (Low power mobile) 25W
100mV negative OFFSET (VID=1.35V)

Ros=Rfb*(5V-VID)/100mV **Rofs=Vofs*10/100uA**
Rds(on)*Iout=Rfb*72~108uA **Rfs=PR142=107K_1 ~ 250KHz**

259KIx Change List

PC108,PC109,PC110,PC111,PC112,PC113 Change to 820u/2.5V 8*9 OS-SPEC / NP-PSC

UNIWILL COMPUTER CORP.

Title: CPUCORE_ISL6559

Size: 2756 | Document Number: 255 / 259KIX | Rev: 01

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