

FAIRCHILD SEMICONDUCTOR		SMART POWER MODULES			
(Cont.)		RoHS Compliant			
Digi-Key Part No.	Description	Pkg.	Price Each*		
			1	25	100
FSB50450STR-ND	SPM®, 500V, 3.0A, 3-Phase IGBT Inverter Bridge	SPM23-BA	2199.28/450		
FSB50450SUCT-ND	SPM®, 500V, 1.0A, 3-Phase FRFET Inverter	SPM23-BD	5.58	4.64	4.22
FSB50550T-ND	SPM®, 500V, 3.5A, 3-Phase IGBT Inverter Bridge	SPM23-AC	7.71	6.33	5.71
FSB50550U-ND	SPM®, 500V, 2.0A, 3-Phase FRFET Inverter	SPM22-AD	6.77	5.55	5.01
FSB50550SUCT-ND	SPM®, 500V, 1.2A, 3-Phase IGBT Inverter Bridge	SPM23-BD	5.90	4.92	4.38
FSB50825T-ND	SPM®, 250V, 8A, 3-Phase FRFET Inverter	SPM23-CD	6.17	5.06	4.57
FSB50825SUCT-ND	SPM®, 250V, 4A, 3-Phase FRFET Inverter	SPM23-BD	8.00	6.65	6.04
FSB50825USTR-ND	SPM®, 250V, 4A, 3-Phase FRFET Inverter	SPM23-BD	2309.55/450		
FSB52006S-ND	SPM®, 600V, 3-Phase FRFET Inverter	SPM23-BA	5.54	4.46	4.06
FSB15CH60C-ND	SPM®, 600V, 15A, 3-Phase IGBT Inverter Bridge	SPM27-CC	15.80	13.29	12.22
FSB20CH60-ND	SPM®, 600V, 20A, 3-Phase IGBT Inverter Bridge	SPM27-CA	17.27	14.68	13.60
FSB20CH60C-ND	SPM®, 600V, 20A, 3-Phase IGBT Inverter Bridge	SPM27-CC	18.61	15.82	14.66
FSB20CH60CL-ND	SPM®, 600V, 20A, 3-Phase IGBT Inverter Bridge	SPM27-CB	13.95	11.73	10.78
FSB20CH60F-ND	SPM®, 600V, 20A, 3-Phase IGBT Inverter Bridge	SPM27-CA	18.27	15.54	14.40
FSB20CH60L-ND	SPM®, 600V, 20A, 3-Phase IGBT Inverter Bridge	SPM27-CB	14.67	12.34	11.34
FSB30CH60-ND	SPM®, 600V, 30A, 3-Phase IGBT Inverter Bridge	SPM27-EA	23.43	19.92	18.46
FSB30CH60C-ND	SPM®, 600V, 30A, 3-Phase IGBT Inverter Bridge	SPM27-EC	23.54	20.02	18.55
FSB30CH60F-ND	Motion-SPM®, 600V, 3A, 3-Phase IGBT Inverter Bridge	SPM27-JA	11.66	9.81	9.02
FSB5FCH60B-ND	Motion-SPM®, 600V, 5A, 3-Phase IGBT Inverter Bridge	SPM27-JA	12.48	10.49	9.64
FSB10CH60B-ND	Motion-SPM®, 600V, 10A, 3-Phase IGBT Inverter Bridge	SPM27-JA	14.37	12.09	11.11
FSB10CH60BT-ND	Motion-SPM®, 600V, 10A, 3-Phase IGBT Inverter Bridge	SPM27-JA	13.57	11.41	10.49
FSB10CH60BTL-ND	Motion-SPM®, 600V, 10A, 3-Phase IGBT Inverter Bridge	SPM27-JB	10.48	8.82	8.10
FSB15CH60BT-ND	Motion-SPM®, 600V, 15A, 3-Phase IGBT Inverter Bridge	SPM27-JB	16.28	13.69	12.58
FSB15CH60BTL-ND	Motion-SPM®, 600V, 15A, 3-Phase IGBT Inverter Bridge	SPM27-JB	12.57	10.58	9.72
FSB15CH60F-ND	SPM®, 600V, 10A, 3-Phase IGBT Inverter Bridge	SPM27-BA	13.51	11.36	10.44
FSB15CH60L-ND	SPM®, 600V, 15A, 3-Phase IGBT Inverter Bridge	SPM27-BA	16.21	13.63	12.53

FAIRCHILD SEMICONDUCTOR		SPECIALIZED ICs			
(Cont.)		RoHS Compliant			
Digi-Key Part No.	Description	Pkg.	Price Each*		
			1	25	100
FSHD1004MTDXCT-ND	Wide Bandwidth Differential Signaling HDMI Switch	48-TSSOP	2.50	1.93	1.75
FSHD1004MTDXTR-ND	Wide Bandwidth Differential Signaling HDMI Switch	48-TSSOP	1033.43	1,000	
FSHD1008MTDXCT-ND	Wide Bandwidth HDMI Switch DDC/CEC	56-TSSOP	2.11	1.63	1.48
FSHD1008MTDXTR-ND	Wide Bandwidth HDMI Switch DDC/CEC	56-TSSOP	871.27	1,000	
FSTD3306L8XCT-ND	2-Bit Low Power Bus Switch	8-MicroPak	1.05	.83	.75
FXL27245L10XCT-ND	Low Voltage Dual Supply 2-Bit Signal Translator	10-MicroPak	.86	.68	.61
FXL27245L10XTR-ND	Low Voltage Dual Supply 2-Bit Signal Translator	10-MicroPak	1501.50	5,000	
FXL47245B0XCT-ND	Low Voltage Dual Supply 4-Bit Signal Translator	14-DOFN	1.11	.88	.79
FXL47245B0XTR-ND	Low Voltage Dual Supply 4-Bit Signal Translator	14-DOFN	1225.22	5,000	
FXL47245UMXCT-ND	Low Volt. Dual Supply 4-Bit Signal Translator	16-µMLP	.68	.53	.47
FXL47245UMXTR-ND	Low Volt. Dual Supply 4-Bit Signal Translator	16-µMLP	1233.23	5,000	
FXL57244B0XCT-ND	Low Voltage Dual Supply 5-Bit Signal Translator	14-DOFN	1.43	1.13	1.02
FXL57244B0XTR-ND	Low Voltage Dual Supply 5-Bit Signal Translator	14-DOFN	1573.57	3,000	
FXLP34L6XCT-ND	Single Bit Unidirectional Translator	6-MicroPak	.64	.45	.39
FXLP34L6XTR-ND	Single Bit Unidirectional Translator	6-MicroPak	848.85	5,000	
FXLP34P5XCT-ND	Single Bit Unidirectional Translator	SC70-5	.62	.48	.42
FXLP34P5XTR-ND	Single Bit Unidirectional Translator	SC70-5	605.40	3,000	
FXM21C102L8X_F113CT-ND	Dual Voltage Supply Translator	8-MicroPak	1.03	.82	.74
FXM21C102L8X_F113TR-ND	Dual Voltage Supply Translator	8-MicroPak	1809.81	5,000	
MC34063AD-ND	SMPS Controller	8-SOP	.94	.74	.65
ML44225C2XCT-ND	Sensorless BLDC Motor Controller	28-SOIC	8.38	7.11	6.56
ML44225C2XCT-ND	S-Video Filter and 75-Ohm Line Drivers with Summed Composite Output	8-SOIC	3.69	3.02	2.71
USB1111AMTC-ND	Universal Serial Bus Transceiver	14-TSSOP	.70	.57	.50
USB1111AMTCXCT-ND	Universal Serial Bus Transceiver	14-TSSOP	.76	.61	.55
USB1111AMTCXTR-ND	Universal Serial Bus Transceiver	14-TSSOP	700.70	2,500	
USB1111AMTXCT-ND	Universal Serial Bus Transceiver	14-SOIC	.76	.61	.55
USB1111AMTXTR-ND	Universal Serial Bus Transceiver	14-SOIC	700.70	2,500	
USB111103MHXCT-ND	USB Peripheral Transceiver with Voltage Regulator	16-MLP	1.10	.87	.78
USB111103MHXTR-ND	USB Peripheral Transceiver with Voltage Regulator	16-MLP	1210.81	3,000	
USB111105AMHXCT-ND	USB Peripheral Transceiver with Voltage Regulator	16-MHBCC	1.10	.87	.78
USB111105AMHXTR-ND	USB Peripheral Transceiver with Voltage Regulator	16-MHBCC	1210.81	3,000	

FAIRCHILD SEMICONDUCTOR		TinyLogic®			
(Cont.)		RoHS Compliant			
Digi-Key Part No.	Description	Pkg.	Price Each*		
			1	25	100
HS Series					
Surface Mount Product					
NC7S00M5XCT-ND	Single 2-Input NAND Gate	SOT-23-5	.38	.22	.17
NC7S00M5XTR-ND	Single 2-Input NAND Gate	SOT-23-5	163.36	3,000	
NC7S00P5XCT-ND	2-Input NAND Gate	SC70-5	.53	.25	.17
NC7S00P5XTR-ND	2-Input NAND Gate	SC70-5	148.95	3,000	
NC7S02M5XCT-ND	Single 2-Input NOR Gate	SOT-23-5	.42	.24	.18
NC7S02M5XTR-ND	Single 2-Input NOR Gate	SOT-23-5	177.78	3,000	
NC7S02P5XCT-ND	HS 2-Input NOR Gate*	SC70-5	.54	.26	.18
NC7S02P5XTR-ND	HS 2-Input NOR Gate*	SC70-5	153.75	3,000	
NC7S04M5XCT-ND	Single Inverter	SOT-23-5	.40	.23	.18
NC7S04M5XTR-ND	Single Inverter	SOT-23-5	170.57	3,000	
NC7S04P5XCT-ND	HS Inverter*	SC70-5	.53	.25	.17
NC7S04P5XTR-ND	HS Inverter*	SC70-5	148.95	3,000	
NC7S08P5XCT-ND	HS 2-Input AND Gate*	SC70-5	.53	.25	.17
NC7S08P5XTR-ND	HS 2-Input AND Gate*	SC70-5	148.95	3,000	
NC7S08M5XCT-ND	Single 2-Input AND Gate	SOT-23-5	.38	.22	.17
NC7S08M5XTR-ND	Single 2-Input AND Gate	SOT-23-5	163.36	3,000	
NC7S14M5XCT-ND	Schmitt Trigger Input Inverter	SOT-23-5	.38	.22	.17
NC7S14M5XTR-ND	Schmitt Trigger Input Inverter	SOT-23-5	163.36	3,000	
NC7S14P5XCT-ND	HS Inverter*	SC70-5	.53	.25	.17
NC7S14P5XTR-ND	HS Inverter*	SC70-5	148.95	3,000	
NC7S32M5XCT-ND	Single 2-Input OR Gate	SOT-23-5	.38	.22	.17
NC7S32M5XTR-ND	Single 2-Input OR Gate	SOT-23-5	163.36	3,000	
NC7S32P5XCT-ND	Single 2-Input OR Gate*	SC70-5	.53	.25	.17
NC7S32P5XTR-ND	Single 2-Input OR Gate*	SC70-5	148.95	3,000	
NC7S32P5XCT-ND	Single 2-Input Exclusive OR Gate	SOT-23-5	.42	.24	.18
NC7S32P5XTR-ND	Single 2-Input Exclusive OR Gate	SOT-23-5	177.78	3,000	
NC7S83157P6XCT-ND	SPDT Analog Switch or 2:1 Mux/Demux Bus Switch*	SC70-6	.47	.28	.23
NC7S83157P6XTR-ND	SPDT Analog Switch or 2:1 Mux/Demux Bus Switch*	SC70-6	240.24	3,000	
NC7S704M5XCT-ND	HST Inverter*	SOT-23-5	.42	.24	.18
NC7S704M5XTR-ND	HST Inverter*	SOT-23-5	177.78	3,000	
NC7S708M5XCT-ND	HST 2-Input AND Gate*	SOT-23-5	.42	.24	.18
NC7S708M5XTR-ND	HST 2-Input AND Gate*	SOT-23-5	177.78	3,000	
NC7S708P5XCT-ND	HST 2-Input AND Gate*	SC70-5	.53	.25	.17
NC7S708P5XTR-ND	HST 2-Input AND Gate*	SC70-5	148.95	3,000	

FAIRCHILD SEMICONDUCTOR		DigiReel® (Cont.)				TinyLogic®					
(Cont.)		RoHS Compliant				RoHS Compliant					
Digi-Key Part No.	Description	Pkg.	Price Each*			Digi-Key Part No.	Description	Pkg.	Price Each*		
			1	25	100				1	25	100
NC7ST32M5XCT-ND	HST 2-Input OR Gate*	SOT-23-5	.48	.22	.16	NC7S7132M5XCT-ND	HST 2-Input OR Gate*	SOT-23-5	.44	.21	.15
NC7S7132M5XTR-ND	HST 2-Input OR Gate*	SC70-5	44.24	24.18		NC7S7132M5XTR-ND	HST 2-Input OR Gate*	SC70-5	42.24	24.18	
NC7S704M5XCT-ND	HS Unbuffered Inverter*	SOT-23-5	177.78	3,000		NC7S704M5XTR-ND	HS Unbuffered Inverter*	SOT-23-5	177.78	3,000	
UHS Series											
Surface Mount Product											
NC7NZ04K8XCT-ND	UHS Inverter*	US8	51	34	28	NC7NZ04K8XTR-ND	UHS Inverter*	US8	350.75	3,000	
NC7NZ04K8XTR-ND	UHS Inverter*	US8	51	34	28	NC7NZ14K8XCT-ND	UHS Inverter*	US8	51	34	28
NC7NZ14K8XTR-ND	UHS Inverter*	US8	350.75	3,000		NC7NZ14K8XTR-ND	UHS Inverter*	US8	51	34	28
NC7NZ17K8XCT-ND	UHS Triple Buffer*	US8	51	34	28	NC7NZ17K8XTR-ND	UHS Triple Buffer*	US8	51	34	28
NC7NZ17K8XTR-ND	UHS Triple Buffer*	US8	350.75	3,000		NC7NZ34K8XCT-ND	UHS Triple Buffer*	US8	51	34	28
NC7NZ34K8XTR-ND	UHS Triple Buffer*	US8	350.75	3,000		NC7NZ34K8XTR-ND	UHS Triple Buffer*	US8	51	34	28
NC7S83257P6XCT-ND	2:1 Multiplexer/Demultiplexer Bus Switch*	SC70-6	52	34	28	NC7S83257P6XTR-ND	2:1 Multiplexer/Demultiplexer Bus Switch*	SC70-6	52	34	28
NC7S83257P6XTR-ND	2:1 Multiplexer/Demultiplexer Bus Switch*	SC70-6	353.15	3,000		NC7S200M5XCT-ND	Single 2-Input NAND Gate	SOT-23-5	.41	.23	.18
NC7S200M5XTR-ND	Single 2-Input NAND Gate	SOT-23-5	172.97	3,000		NC7S200M5XTR-ND	Single 2-Input NAND Gate	SOT-23-5	172.97	3,000	
NC7S200P5XCT-ND	2-Input NAND Gate	SC70-5	.53	.25	.17	NC7S200P5XTR-ND	2-Input NAND Gate	SC70-5	.53	.25	.17
NC7S200P5XTR-ND	2-Input NAND Gate	SC70-5	148.95	3,000		NC7S202M5XCT-ND	Single 2-Input NOR Gate	SOT-23-5	.41	.23	.18
NC7S202M5XCT-ND	Single 2-Input NOR Gate	SOT-23-5	172.97	3,000		NC7S202M5XTR-ND	Single 2-Input NOR Gate	SOT-23-5	172.97	3,000	
NC7S202P5XCT-ND	UHS 2-Input NOR Gate*	SC70-5	.53	.25	.17	NC7S202P5XTR-ND	UHS 2-Input NOR Gate*	SC70-5	.53	.25	.17
NC7S202P5XTR-ND	UHS 2-Input NOR Gate*	SC70-5	148.95	3,000		NC7S204M5XCT-ND	Single Inverter	SOT-23-5	.45	.26	.20
NC7S204M5XCT-ND	Single Inverter	SOT-23-5	192.19	3,000		NC7S204M5XTR-ND	Single Inverter	SOT-23-5	192.19	3,000	
NC7S204P5XCT-ND	UHS Inverter*	SC70-5	.59	.28	.19	NC7S204P5XTR-ND	UHS Inverter*	SC70-5	.59	.28	.19
NC7S204P5XTR-ND	UHS Inverter*	SC70-5	165.77	3,000		NC7S205M5XCT-ND	Single Inverter with Open Drain	SOT-23-5	.40	.23	.18
NC7S205M5XCT-ND	Single Inverter with Open Drain	SOT-23-5	172.97	3,000		NC7S205M5XTR-ND	Single Inverter with Open Drain	SOT-23-5	172.97	3,000	
NC7S205P5XCT-ND	UHS Inverter with Open Drain*	SC70-5	.53	.25	.17	NC7S205P5XTR-ND	UHS Inverter with Open Drain*	SC70-5	.53	.25	.17
NC7S205P5XTR-ND	UHS Inverter with Open Drain*	SC70-5	148.95	3,000		NC7S208M5XCT-ND	Single 2-Input AND Gate	SOT-23-5	.38	.22	.17
NC7S208M5XCT-ND	Single 2-Input AND Gate	SOT-23-5	163.36	3,000		NC7S208M5XTR-ND	Single 2-Input AND Gate	SOT-23-5	163.36	3,000	
NC7S208P5XCT-ND	2-Input AND Gate	SC70-5	.53	.25	.17	NC7S208P5XTR-ND	2-Input AND Gate	SC70-5	.53	.25	.17
NC7S208P5XTR-ND	2-Input AND Gate	SC70-5	148.95	3,000		NC7S211P6XCT-ND	UHS 3-Input AND Gate*	SC70-6	.42	.24	.18
NC7S211P6XCT-ND	UHS 3-Input AND Gate*	SC70-6	.42	.24	.18	NC7S211P6XTR-ND	UHS 3-Input AND Gate*	SC70-6	.42	.24	.18
NC7S211P6XTR-ND	UHS 3-Input AND Gate*	SC70-6	38.22	17.19		NC7S214M5XCT-ND	S				