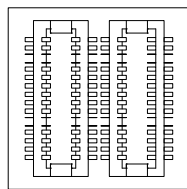
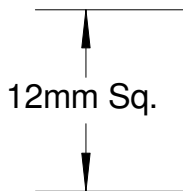
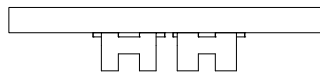
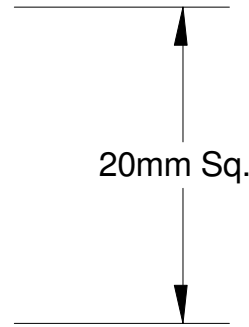
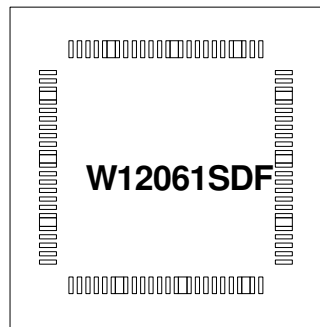
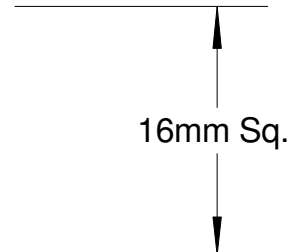
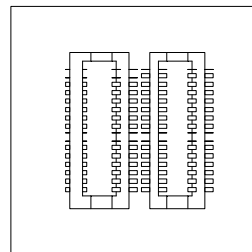
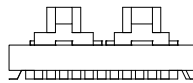


WINSLOW ADAPTICs

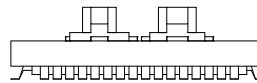
Winslow Part Number	Description	Atmel Package
W12059M	44 pin TQFP Solder Down Module	ATxmega16A4, ATxmega32A4, ATxmega64A4, ATxmega128A4
W12060M	64 pin TQFP Solder Down Module	ATxmega64A3, ATxmega128A3, ATxmega192A3, ATxmega256A3
W12061SDF	100 pin TQFP Interface Module	ATxmega64A1, ATxmega128A1, ATxmega192A1, ATxmega256A1



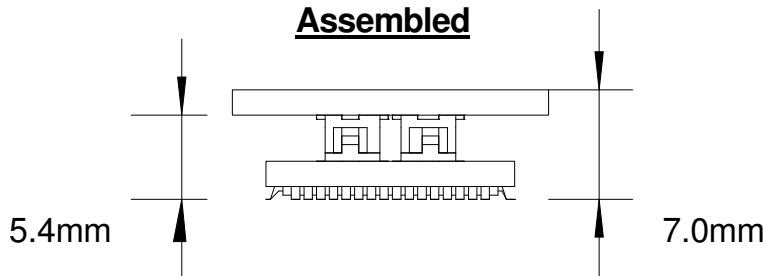
W12059M



W12060M

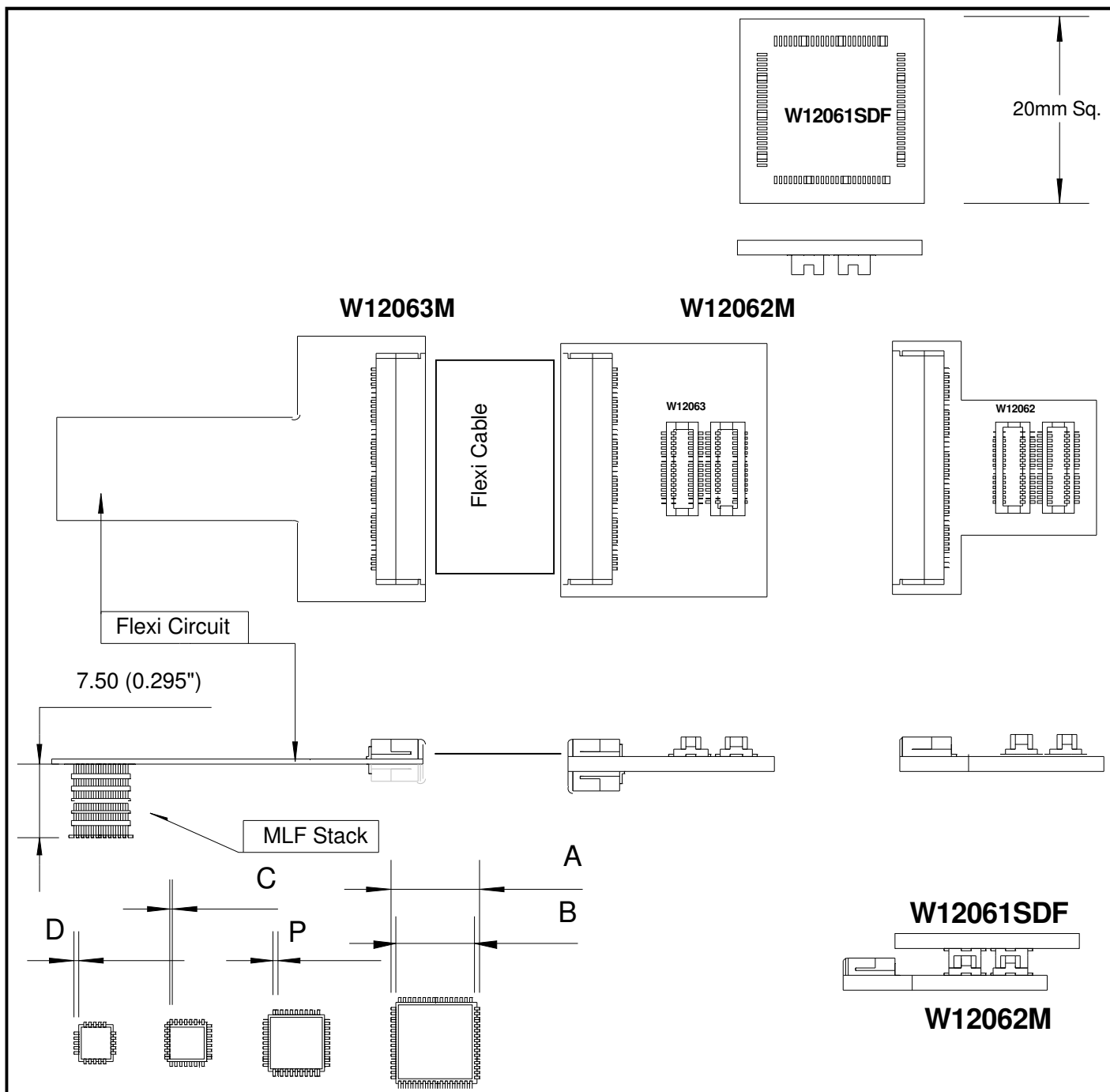


Assembled



WINSLOW ADAPTICs

Winslow Part Number	Description	Atmel Package
W12062M	44 pin MLF Solder Down Module	ATxmega16A4, ATxmega32A4, ATxmega64A4, ATxmega128A4
W12063M	64 pin MLF Solder Down Module	ATxmega64A3, ATxmega128A3, ATxmega192A3, ATxmega256A3
W12061SDF	100 pin TQFP Interface Module	ATxmega64A1, ATxmega128A1, ATxmega192A1, ATxmega256A1



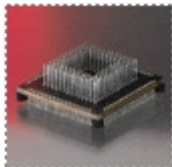
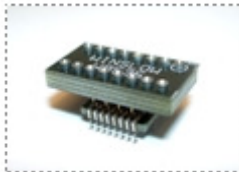
MLF SOLDER DOWN MODULE

PART NUMBER	PIN OUT	A	B	C	D	PITCH
	20	4.70	3.30	0.25	0.70	0.50
	32	5.20	3.80	0.25	0.70	0.50
W12062M	44	7.20	5.80	0.25	0.70	0.50
W12063M	64	9.70	8.30	0.25	0.70	0.50

W12062M and W12063M are delivered complete with Flexi Cable and MLF stack

WINSLOW ADAPTICS

ATxmegaA1	ATxmegaA4	ATxmegaA3	ATxmegaA1	ATxmegaA4	ATxmegaA3	ATxmegaA1	ATxmegaA4	ATxmegaA3
PA0	PA0	PA0	PE0	PE0	PE0	PK0	NC	NC
PA1	PA1	PA1	PE1	PE1	PE1	PK1	NC	NC
PA2	PA2	PA2	PE2	PE2	PE2	PK2	NC	NC
PA3	PA3	PA3	PE3	PE3	PE3	PK3	NC	NC
PA4	PA4	PA4	PE4	NC	PE4	PK4	NC	NC
PA5	PA5	PA5	PE5	NC	PE5	PK5	NC	NC
PA6	PA6	PA6	PE6	NC	PE6	PK6	NC	NC
PA7	PA7	PA7	PE7	NC	PE7	PK7	NC	NC
PB0	PB0	PB0	PF0	NC	PF0	PQ0	NC	NC
PB1	PB1	PB1	PF1	NC	PF1	PQ1	NC	NC
PB2	PB2	PB2	PF2	NC	PF2	PQ2	NC	NC
PB3	PB3	PB3	PF3	NC	PF3	PQ3	NC	NC
PB4	PB4	PB4	PF4	NC	PF4	AVCC	AVCC	AVCC
PB5	PB5	PB5	PF5	NC	PF5	DATA/TEST	DATA/TEST	DATA/TEST
PB6	PB6	PB6	PF6	NC	PF6	CLK/RESET	CLK/RESET	CLK/RESET
PB7	PB7	PB7	PF7	NC	PF7	XTAL1	XTAL1	XTAL1
PC0	PC0	PC0	PH0	NC	NC	XTAL2	XTAL2	XTAL2
PC1	PC1	PC1	PH1	NC	NC			
PC2	PC2	PC2	PH2	NC	NC			
PC3	PC3	PC3	PH3	NC	NC			
PC4	PC4	PC4	PH4	NC	NC			
PC5	PC5	PC5	PH5	NC	NC			
PC6	PC6	PC6	PH6	NC	NC			
PC7	PC7	PC7	PH7	NC	NC			
PD0	PD0	PD0	PJ0	NC	NC			
PD1	PD1	PD1	PJ1	NC	NC			
PD2	PD2	PD2	PJ2	NC	NC			
PD3	PD3	PD3	PJ3	NC	NC			
PD4	PD4	PD4	PJ4	NC	NC			
PD5	PD5	PD5	PJ5	NC	NC			
PD6	PD6	PD6	PJ6	NC	NC			
PD7	PD7	PD7	PJ7	NC	NC			



Also available from Winslow Adaptics are cost effective, time saving solutions to test, obsolescence, supply problems and upgrades. OEMs can upgrade equipment with custom Adaptics utilising additional logic, often saving considerable cost and time on re-design. If lead-time becomes an issue contact us for a suitable package converter. We specialise in conversion of all package lead-frames. For further information please contact your nearest sales office

sales@winslowadaptics.com

www.winslowadaptics.com