# MRFI API

mrfi\_spi.c

void mrfiSpiInit(void)

uint8\_t mrfiSpiCmdStrobe(uint8\_t addr)

uint8\_t mrfiSpiReadReg(uint8\_t addr)

void mrfiSpiWriteReg(uint8\_t addr, uint8\_t value)

void mrfiSpiWriteTxFifo(uint8\_t \* pData, uint8\_t len)

void mrfiSpiReadRxFifo(uint8\_t \* pData, uint8\_t len)

mrfi\_radio.c

void MRFI\_Init(void)

uint8\_t MRFI\_Transmit(mrfiPacket\_t \* pPacket, uint8\_t txType)

void MRFI\_Receive(mrfiPacket\_t \* pPacket)

void MRFI\_RxOn(void)

void MRFI\_RxIdle(void)

void MRFI\_Sleep(void)

void MRFI\_WakeUp(void)

void MRFI\_GpioIsr(void)

int8\_t MRFI\_Rssi(void)

uint8\_t MRFI\_RandomByte(void)

void MRFI\_DelayMs(uint16\_t milliseconds)

void MRFI\_ReplyDelay()

void MRFI\_PostKillSem(void)

uint8\_t MRFI\_GetRadioState(void)

mrfi\_f1f2.c

void MRFI\_SetLogicalChannel(uint8\_t chan)

void MRFI\_SetRFPwr(uint8\_t idx) 3 settings (0-2) - Transmit uses 2 hard coded (0dbm)

uint8\_t MRFI\_SetRxAddrFilter(uint8\_t \* pAddr)

void MRFI\_EnableRxAddrFilter(void)

void MRFI\_DisableRxAddrFilter(void);

mrfi.h

void MRFI\_RxCompleteISR(void); /\* populated by code using MRFI \*/